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|---|---|-----------------|-----------|---------------------|------|----------------------|------|--------|-----------|-----------------|------|---|------------|-----------------------|------------|---|------------|------------------------------|-----------|--------------------|-----------|
| <b>Cover Type:</b>                        | Special rubber  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| <b>Possible applications:</b>             | Tissue paper converting : embossing rollers - recommended quality for high pattern embossing, embossing of household towels and kitchen paper (50 shore hardness)<br><br>Embossing rollers in other industrial areas : PVC, wall paper, plastic film, flexible packaging, non-woven, wood and décor...  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| <b>Hardness Range:</b>                    | 50, 85, 90, 95 Shore A  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| <b>Available Colours:</b>                 | green, blue, fuchsia  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| <b>Recommended Cover Thickness:</b>       | min. 10 mm - max. 20 mm   |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| <b>Temperature resistance:</b>            | Dry: continuous 125°C / peak 140°C  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| <b>Properties and advantages:</b>         | High resistance to mechanical stress<br><br>High resilience (fast elastic recovery to the original shape)<br><br>Superior abrasion resistance<br><br>Consistent hardness in time<br><br>Faithful and constant pattern reproduction  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| <b>Chemical resistance:</b>               | <table border="0"> <tr> <td>Acid solutions:</td> <td>Very good</td> </tr> <tr> <td>Alkaline solutions:</td> <td>Good</td> </tr> <tr> <td>Hot water and steam:</td> <td>Good</td> </tr> <tr> <td>Ozone:</td> <td>Very good</td> </tr> <tr> <td>Oil and grease:</td> <td>Good</td> </tr> <tr> <td>Aromatic solvents (toluene, benzene,...):</td> <td>Not suited</td> </tr> <tr> <td>Chlorinated solvents:</td> <td>Not suited</td> </tr> <tr> <td>Polar solvents (MEC, ether, acetate,...):</td> <td>Not suited</td> </tr> <tr> <td>Alcohols (ethanol, IPA,...):</td> <td>Very good</td> </tr> <tr> <td>Ageing resistance:</td> <td>Very good</td> </tr> </table> | Acid solutions: | Very good | Alkaline solutions: | Good | Hot water and steam: | Good | Ozone: | Very good | Oil and grease: | Good | Aromatic solvents (toluene, benzene,...): | Not suited | Chlorinated solvents: | Not suited | Polar solvents (MEC, ether, acetate,...): | Not suited | Alcohols (ethanol, IPA,...): | Very good | Ageing resistance: | Very good |
| Acid solutions:                           | Very good   |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| Alkaline solutions:                       | Good  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| Hot water and steam:                      | Good  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| Ozone:                                    | Very good   |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| Oil and grease:                           | Good  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| Aromatic solvents (toluene, benzene,...): | Not suited  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| Chlorinated solvents:                     | Not suited  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| Polar solvents (MEC, ether, acetate,...): | Not suited  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| Alcohols (ethanol, IPA,...):              | Very good   |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| Ageing resistance:                        | Very good   |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| <b>Recommended cleaning products:</b>     | (Warm) water, soap, industrial cleaners and detergents, alcohol, (diluted) acid cleaners  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |
| <b>Remark:</b>                            | XL Plast-D, XL Plast-T and XL Plast-M : multilayer solutions for optimized results in specific, demanding applications  |                 |           |                     |      |                      |      |        |           |                 |      |   |            |                       |            |   |            |                              |           |                    |           |