



**Technical Datasheet
Engineered Yarns
for MRG (mechanical rubber goods)**

| Markets | Applications | Materials | | Tensile Strength | Weight | Thickness | Elongation at break |
|--------------------------------|--------------------------------------|----------------------------|--------------|--|----------|-----------|---------------------|
| | | Raw Materials | dtex | N | g/100 m | mm | % |
| Mobility | Automotive Hoses Seals & Profiles | Polyester | 1100 - 6600 | 80 - 450 | 13 - 70 | 0,3 - 0,8 | 8 - 15 |
| | | PVA | 1100 - 6000 | 80 - 600 | 12 - 120 | 0,3 - 1,2 | 5 - 7 |
| | | Polyamid | 940 - 4500 | 80 - 300 | 20 - 100 | 0,3 - 0,6 | 15 - 28 |
| | | Aramid | 1100 - 4500 | 180 - 800 | 40 - 55 | 0,3 - 0,7 | 3 - 5 |
| | | Glass yarn | 3300 - 10000 | 250 - 800 | 40 - 100 | 0,3 - 0,7 | 2 - 4 |
| TECHNICAL FEASIBILITIES | | Twisted yarns Softcords | | RFL treatment MSA treatment (RF-free) | | | |

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