

Direct Roving

Our StarRov® single-end rovings are manufactured by winding glass fibers directly into a clearly defined tex or yield. Suitable for unsaturated polyester, epoxy, vinylester and thermoplastic resins.



| PRODUCT CHARACTERISTICS | | | REGION | | RESIN / POLYMER TYPE | TEX [g/km] | 300 | 410 | 600 | 1100 | 1200 | 2000 | 2200 | 2400 | 4400 | 4800 | 9600 | FDA - NA | FOOD CONTACT EU (> 2016)† | |
|-------------------------|------------------------|--------|--------|------|----------------------|----------------|------|------|-----|------|------|------|------|------|------|------|------|----------|---------------------------|---|
| TRADENAME | PROCESS | SIZING | NA ▲ | EU ● | | YIELD [yds/lb] | 1655 | 1210 | 828 | 450 | 414 | 250 | 225 | 207 | 113 | 103 | 56 | | | |
| | | | | | | Ø [µm] | 13 | 13 | 14 | 16 | 16 | 22 | 16 | 16 | 23 | 23 | 32 | | | |
| StarRov® | LFT / D-LFT / Tapes | 490 | | ● | PP | | | | | | ● | | | ● | | ● | | ▲ | ● | |
| | | 485 | ▲ | | PP | | | | | ▲ | | | | ▲ | | | | | ▲ | |
| | | 853 | ▲ | ● | PPS/PPA/PBT | | | | | | | | | ▲ | ● | | | | | |
| | | 895 | ▲ | ● | PA | | | | | | | ● | | ▲ | ● | | | | | |
| | Organo Sheets / TP-RTM | 490 | | ● | PP | | | | | | | ● | | | ● | | ● | | | ● |
| | | 895 | ▲ | ● | PA | | | | | | | ● | | ▲ | ● | | | | | |
| | | 853 | ▲ | ● | PPS/PPA/PBT | | | | | | | | | ▲ | ● | | | | | |
| | | 886 | | ● | AP Nylon | | | | | | | ● | | | ● | | | | | |
| | Pultrusion | 090 | ▲ | ● | UP/VE/Epoxy/PU | | | | | ▲ | ● | ▲ | ▲ | ● | ▲ | ● | ▲ | ● | | |
| | | 086 | | ● | UP/VE/Epoxy | | ● | ● | ● | | ● | | | | ● | | ● | | | |
| | | 507 | ▲ | | Phenolic | | | | | | | | | | | ▲ | | | | |
| | | 886 | | ● | AP Nylon | | | | | | | ● | | | ● | | | | | |
| | Weaving / NCF / MAX | 086 | | ● | UP/VE/Epoxy | | ● | ● | ● | | ● | | | | ● | | ● | | | |
| | | 090 | ▲ | ● | UP/VE/Epoxy | | | | | ▲ | ● | ▲ | ▲ | ● | ▲ | ● | ▲ | ● | | |
| | Filament Winding | 086 | | ● | UP/VE/Epoxy | | ● | ● | ● | | ● | | | | ● | | ● | | | |
| | | 090 | ▲ | ● | UP/VE/Epoxy/PU | | | | | ▲ | ● | ▲ | ▲ | ● | ▲ | ● | ▲ | ● | | |





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DISCLAIMER

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of this product represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the Regional Sales Office nearest you for the most current information. All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on Johns Manville products, please visit <https://www.jm.com/en/login/policies-terms-and-conditions/> or call (800)654-3103.

¹ Only fibers manufactured in the EU (Slovakia) are compliant with regulation 10/2011 (plastics regulation) and 2023/2006 (GMP regulation).

