

DSM Fibre Intermediates Nyrin® 2025 (Wollastocoat®), Dry

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Nyrin is a Block Copolymer of Nylon 6 and an elastomer with exceptional properties in impact resistance, fatigue and abrasion resistance.

Nyrin is processed via Reaction Injection Moulding (RIM) technology. Nyrin® is a registered trademark. Information provided by the manufacturer, Brueggemann Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Fibre-Intermediates-Nyrin-2025-Wollastocoat-Dry.php

Physical Properties	Metric	English	Comments
Density	1.321 g/cc	0.04772 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	ISO 868
Tensile Strength, Ultimate	41.0 MPa	5950 psi	ISO 527
Elongation at Break	6.0 %	6.0 %	ISO 527
Modulus of Elasticity	3.80 GPa	551 ksi	ISO 527
Flexural Modulus	3.56 GPa	516 ksi	ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 ft-lb/in ²	ISO 180
Charpy Impact, Notched	0.700 J/cm ²	3.33 ft-lb/in ²	DIN 53453
	0.600 J/cm ²	2.86 ft-lb/in ²	DIN 53453
	@Temperature -40.0 °C	@Temperature -40.0 °F	

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