

## DSM Fibre Intermediates Nyrin® 4000 (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-4000-Dry.php](http://www.lookpolymers.com/polymer_DSM-Fibre-Intermediates-Nyrin-4000-Dry.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	59	59	ISO 868
Tensile Strength, Ultimate	26.0 MPa	3770 psi	ISO 527
Elongation at Break	420 %	420 %	ISO 527
Modulus of Elasticity	0.453 GPa	65.7 ksi	ISO 527
Flexural Modulus	0.504 GPa	73.1 ksi	ISO 178
Shear Modulus	0.200 GPa	29.0 ksi	torsional

Thermal Properties	Metric	English	Comments
Melting Point	214 °C	417 °F	DSC

## Contact Songhan Plastic Technology Co.,Ltd.

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