

Promyde® B40

Polyamide 6

NUREL, S.A.

Message:

Promyde® B40 is a Polyamide 6 grade of high viscosity suitable for extrusion applications in general like high tenacity yarns, corrugated tubes and certain compounding applications.

General Information	
Features	High Viscosity
Uses	Compounding
	High Tenacity Flat Yarn
	Tubing
Processing Method	Compounding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1148
Apparent Density ¹	0.69	g/cm ³	Internal Method
Water Absorption			ISO 62
Saturation, 23°C	9.0	%	
Equilibrium, 23°C, 50% RH	3.0	%	
Moisture Content ²	< 0.10	%	Internal Method
Relative Viscosity ³ (25°C)	3.90 to 4.10		ISO 1628
Chip Size ⁴	2.50	mm	Internal Method
Monomers	< 0.60	%	ISO 599
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	220	°C	ISO 3146

NOTE	
1.	NAPPA-059
2.	NAPPA-032
3.	1% m/v in 96% m/m sulfuric acid
4.	NAPPA-045

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Recommended distributors for this material

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