

Product Description

3% MoS2 Reinforced, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66	
Additive	· Molybdenum Disulfide Lubricant	
Processing	· Injection Molding	· Extrusion
Color	· Natural	

- The information below is for informational purposes only and should not be adopted as specification limits.

Physical	Value	Unit	Method
Density / Specific Gravity	1,14	g/cm ³	ASTM D 792/A
Viscosity number	45 to 55	--	--

Mechanical	DAM	50% RH	Unit	Method
Tensile Strength	85	70	MPa	ASTM D 638
Elongation at Break	55	>55	%	ASTM D 638
Flexural Strength	100	65	MPa	ASTM D 790
Flexural Modulus	2950	1250	MPa	ASTM D 790
Izod Notched Impact Strength			J/m	ASTM D 256
23°C	50	60		
Hardness, Rockwell			--	ASTM D 785
Scale R	120	100		

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	ISO 3146/A
Heat Deflection Temperature		°C	ASTM D 648
1,82 Mpa	65		
Glow Wire Test (850°C)		--	IEC 695-2-1
2,0 mm	PASS		

Electrical	DAM	50% RH	Unit	Method
Volume Resistivity	1E14	1E13	ohm.cm	ASTM D 257

Process		Unit	Method
Molding Process Temperature	260 to 280	°C	--
Mold Temperature	70 to 90	°C	--
Drying	80/4 to 6	°C/Hours	--

Os dados contidos neste Informativo Técnico foram obtidos em Laboratório e refletem a média de vários lotes produzidos. Estas informações encontram-se atualizadas até a data em que foi autorizada a impressão deste. A Petropol reserva-se o direito de alterar desenhos, especificações e informações de seus produtos a qualquer tempo ou descontinua-los, independente de qualquer aviso ou comunicado sem incorrer em responsabilidade de qualquer espécie.

Data contained in this Data Sheet have been obtained in laboratory and reflect the average number of batches produced. This information is current as of the date on which it was authorized to print this. The Petropol reserves the right to alter designs, specifications and information on its products at any time or discontinue them, regardless of any notice or statement without incurring liability of any kind.