

Product Description

2% MoS2 Reinforced, Polyamide 66

General Considerations

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

- 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	--

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