

Product Description

3% MoS2 Reinforced, Polyamide 66

General Considerations

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

- 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

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	262	°C	ISO 3146/A
Heat Deflection Temperature		°C	ASTM D 648
1,82 Mpa	65		

Process		Unit	Method
Molding Process Temperature	260 to 290	°C	--
Mold Temperature	70 to 90	°C	--
Drying	80/4 to 6	°C/Hours	--

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