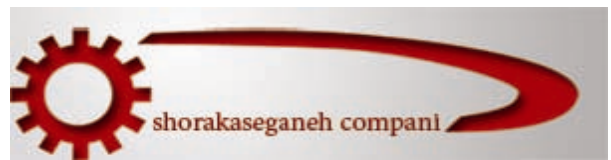


SHOKAMID SH 2500 HI

Polyamide 6



Product Description

"SHOKAMID" SH 2500 HI is a Super Tough, heat stabilized, for injection moulding and extrusion. It offers excellent impact resistance over a wide temperature and humidity range. This grade is available in Transparent and black, pellet form.

General

Manufacturer / Supplier	SHORAKA SEGANEH Co.
Generic Symbol	Nylon 6
Filler / Reinforcement	
Additive	Impact Modifier
Forms	Pellets
Processing Method	Injection Molding
Uses	Appliances Switches Electrical Parts Connectors
RoHS Compliance	RoHS Compliant

Physical		Unit	Dry	Conditioned
Density	ISO 1183	g/cm ³	1.08	---

Mechanical	Test Method	Unit	Dry	Conditioned
Tensile Modulus	ISO 527-2	Mpa	1800	
Tensile Stress (Break)	ISO 527-2	Mpa	50	
Tensile Strain (Break)	ISO 527-2	%	>40	

Impact	Test Method	Unit	Dry	Conditioned
Charpy Notched Impact Strength	ISO 179/1eA	-30 oC		---
		23 oC		
Charpy Unnotched Impact Strength	ISO 179/1eU	-30 oC	No Break	---
		23 oC	No Break	No Break

Thermal	Test Method	Unit	Dry	Conditioned
Heat Deflection Temperature	ISO 75-2/B	0.45 Mpa, Unannealed	95	---
		1.8 Mpa, Unannealed	51	---
Melting Temperature	ISO 11357-3	oC	222	---

Flammability	Test Method	Unit	Dry	Conditioned
Flame Rating - UL (1.60 mm)	UL 94		HB	---

Injection	Nominal Value	Unit
Drying Temperature	90.0	oC
Drying Time	4.0 to 8	hr
Processing (Melt) Temp	225 to 280	oC

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W W W . s h o r a k a s e g a n e h . c o m