

SHOKAMID SH 2130 GF V

Polyamide 6



General					
Manufacturer / Supplier	SHORAKA SEGANEH Co.				
Generic Symbol	Nylon 6				
Filler / Reinforcement	Glass Fiber Reinforcement, 30% Filler by Weight				
Forms	Pellets				
Processing Method	Injection Molding				
Uses	Automotive Application Furniture Electrical Parts Appliance Components Fastener Housings				
Physical		Unit	Dry	Conditioned	
Density	ISO 1183	g/cm ³	1.36	---	
Mechanical		Test Method	Unit	Dry	Conditioned
Tensile Modulus	ISO 527-2	Mpa	9000	7700	
Tensile Stress (Break)	ISO 527-2	Mpa	175	150	
Tensile Strain (Break)	ISO 527-2	%	3	3	
Impact		Test Method	Unit	Dry	Conditioned
Charpy Notched Impact Strength	ISO 179/1eA	KJ/m ²	-30 oC	12	---
			23 oC	19	25
Charpy Unnotched Impact Strength	ISO 179/1eU	KJ/m ²	-30 oC	80	---
			23 oC	90	100
Thermal		Test Method	Unit	Dry	Conditioned
Heat Deflection Temperature 0.45 Mpa, Unannealed	ISO 75-2/B	oC	215	---	
			1.8 Mpa, Unannealed	ISO 75-2/C	oC
Melting Temperature	ISO 11357-3	oC	222	---	
Electrical		Test Method	Unit	Dry	Conditioned
Surface Resistivity	IEC 60093	ohms	1.0E+13	1.0E+10	
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		
Rear Temperature			225 to 280 oC		

Sales Office; 141. Khoramshahr (Apadana) Ave. Tehran, Iran
tel;+98 21 88760011 - 12 fax; +98 21 88764366
Email; Commercial@shorakaseganeh.com

Factory; 111.Azadegan St,SaeedAbad, Tehran, Iran
Tel; +98 021 65605410-14 Fax;+98 021 65602028
W W W . s h o r a k a s e g a n e h . c o m