



Technical Datasheet

Material Type HES	Grade Name HES 804 G8
Features	<ul style="list-style-type: none"> • Good mechanical properties • Good dimensional stability • Good molding and processing performance
Material Standard	
Availability	Asian Pacific
Process Method	Injection Molding
Appearance /	Natural/Black
Applications	Automobile Electrical/Electronic Applications

General Properties

No	Properties	Methods	Units	Values	Test Conditions
1	Density	ISO1183 1	g/cm ³	1.68	23
2	Tensile Strength at Max Load	ISO527 2	N/A	200	50mm/min
3	Elongation at Break	ISO527 2	%	1.6	50mm/min
4	Flexural Strength	ISO178	N/A	280	2mm/min
5	Flexural Modulus	ISO178	N/A	1800	2mm/min
6	Notched Impact Strength	ISO179 1	kJ/m ²	11	23
7	Heat Deflection Temp	ISO75 2		260	1.8N/A
8	Flammability	UL 94	Class	V0	1.6mm
9	Mold Shrinkage		%	0.2-0.8	

Processing conditions

Drying Cond	130 *46h
Mixture Control	0.05%
Injection Temp	300-330 (E), 285-315 (N), 270-300 (E)
Mold Temp	130-160