

# HiPrene® HG41TSA

Polypropylene

GS Caltex

## Message:

HiPrene® HG41TSA is a medium melt flow, glass fibre reinforced polypropylene compound. This grade is designed for Washing Machine Drum Tub and other Home Appliance Parts

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Medium Flow		
Uses	Appliance Components White Goods & Small Appliances		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) <sup>1</sup>	6.0	g/10 min	ISO 1133
Ash Content (600°C)	29	%	ISO 3451-1A
Volatile Matter	0.10	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	51.1	MPa	ISO 527-2/1A/50
Nominal Tensile Strain at Break	2.1	%	ISO 527-2/1A/50
Flexural Modulus	2680	MPa	ISO 178/B
Flexural Stress	71.0	MPa	ISO 178/B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	59	kJ/m <sup>2</sup>	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	160	°C	ISO 75-2/A
NOTE			
1.	Procedure A		

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## Recommended distributors for this material

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