

# HIPRENE HG41TSA

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

	Properties	Test condition	Method	Unit	Value
Impact	Notched Izod Impact Strength	23°C	ISO 180/A	J/m	59
Physical	Melt Mass-Flow Rate		ISO 1133-2/A	g/10min	6
	Specific Gravity		ISO 1183	g/cm <sup>3</sup>	1,01
Thermal	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	160
	Volatile Matters		GS Standard SOP003	%	0,1
	Ash Content	600°C	ISO 3451-1/A600°C	%	28,5
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	min. 51,1
	Nominal Tensile Strain at Break	23° C	ISO 527-2/1A/50	%	2,1
	Flexural Strength		ISO 178/B	MPa	min. 71
	Flexural Modulus	23°C	ISO 178/B	MPa	min. 2682