

HIPRENE M560ST

HiPrene® M560ST is polypropylene impact copolymer with good processing stability and medium fluidity. It is intended especially for injection moulding of products where good impact resistance as well as high stiffness is required. This grade is available in different colors.

	Properties	Test condition	Method	Unit	Value
Impact	Izod Impact Strength	23°C	ASTM D256	KJ/m ²	8,5
Hardness	Rockwell Hardness	R-Scale	ASTM D785		90
Physical	Melt Mass-Flow Rate		ASTM D1238	g/10min	30
	Specific Gravity		ASTM D792	g/cm ³	0,91
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	GS Method	%	1
Mechanical	Tensile Stress at Yield		ASTM D638	MPa	24
	Tensile Strain at Break		ASTM D638	%	50
	Flexural Modulus ¹	23°C	ASTM D790	MPa	1650