

ME6000

Description

Excellent mechanical properties and high impact strength for injection molding

Application

Transport and stacking crates, Bottle crates

Properties	Method	Condition	Unit	ME6000
Physical				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	5.5
Density	ASTM D792	Method A	g/cm ³	0.961
Mechanical				
Tensile Strength at Yield Point(kgf/cm ²)	ASTM D638	50mm/min	kgf/cm ²	290
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Flexural Modulus(kgf/cm ²)	ASTM D790	Press sheet, 1% Secant	kgf/cm ²	11000
Izod Impact Strength(kgf-cm/cm)	ASTM D256	23°C, Notched	kgf-cm/cm	8
Hardeness(Shore D)	ASTM D2240	Shore D		65
Thermal				
Melting Temperature	LG Method	by DSC	°C	133
Vicat Softening Temperature	ASTM D1525	A50	°C	125

Note

The properties data in this table are typical values, and not guaranteed specification.
Typical resin property values are measured on a standard compression molded specimens.