Technical Data Sheet

Adstif EA600P

High Crystallinity Polypropylene

Product Description

Adstif EA600P is high cristallinity impact copolymer with a good balance of mechanical properties.

Application	Automotive Parts
Market	Compounding
Processing Method	Compounding; Injection Molding
Attribute	Good Processability; High Stiffness; Impact Copolymer; Medium Flow; Medium Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	18	g/10 min	ISO 1133-1
Density	0.90	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	1600	MPa	ISO 178
Tensile Modulus	1600	MPa	ISO 527-1, -2
Tensile Stress at Yield	32	MPa	ISO 527-1, -2
Tensile Strain at Yield	5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	5.5	kJ/m²	ISO 179
(0 °C)	4	kJ/m²	ISO 179
(-20 °C)	2.5	kJ/m²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	153	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	100	°C	ISO 75B-1, -2
DSC Melting Point	165	°C	DSC