

Technical Data Sheet

Adstif HA600U



Polypropylene, Homopolymer

Product Description

Adstif HA600U is a polypropylene homopolymer.

Adstif HA600U is suitable for injection moulding applications and can also be used in technical compounds as a flow modifier. It has a high melt flow rate and it is supplied in pelletized form.

Status	Commercial: Active
Availability	Africa-Middle East; Europe
Application	Automotive Parts; Polymer Modifier
Market	Automotive; Compounding; Rigid Packaging
Processing Method	Injection Molding
Attribute	High Flow; High Rigidity; High Stiffness; Low Viscosity

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	70	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus, (23 °C)	1550	MPa	ISO 527-1, -2
Tensile Stress at Break	16.1	MPa	ISO 527-1, -2
Tensile Stress at Yield	34.5	MPa	ISO 527-1, -2
Tensile Strain at Break	260	%	ISO 527-1, -2
Tensile Strain at Yield	9.2	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	1.8	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (B50)	94	°C	ISO 306