

Technical Data Sheet

AdstifEA5075

Polypropylene, Impact Copolymer

Product Description

AdstifEA5075 is a high flow heterophasic copolymer with low TVOC, good processability, good stiffness and impact balance. Typical customer applications are components of compound for automotive and electrical appliances.

Application	Bumpers; Exterior Automotive Applications; Interior Automotive Applications; Opaque Containers
Market	Automotive; Compounding; Consumer Products; Rigid Packaging
Processing Method	Compounding; Injection Molding
Attribute	Excellent Stiffness; Good Flow; Good Impact Resistance; Impact Copolymer; Low to No Odor; Low Warpage

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	60	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1600	MPa	ASTM D790
Tensile Strength at Yield	30	MPa	ASTM D638
Tensile Elongation at Yield	5	%	ASTM D638
Impact			
Notched Izod Impact Strength			
(23 °C)	50	J/m	ASTM D256
(-20 °C)	20	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	105		ASTM D785
Thermal			
Vicat Softening Point	150	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm ²)	120	°C	ASTM D648