

Technical Data Sheet

AdstifEA5076

Polypropylene, Impact Copolymer



Product Description

AdstifEA5076 is a high flow heterophasic copolymer with low TVOC, excellent 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		Test Method
	Value	Units	
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	110	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1700	MPa	ASTM D790
Tensile Strength at Yield	32	MPa	ASTM D638
Tensile Elongation at Yield	4	%	ASTM D638
Impact			
Notched Izod Impact Strength (23 °C)	30	J/m	ASTM D256
(-20 °C)	20	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	110		ASTM D785
Thermal			
Vicat Softening Point	154	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm ²)	126	°C	ASTM D648