

Technical Data Sheet

AdstifEA5074

Polypropylene, Impact Copolymer

Product Description

AdstifEA5074 is a medium flow heterophasic copolymer with low TVOC, good stiffness impact balance, good thermal resistance. Typical customer applications are base resins for compounds 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)	30	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1600	MPa	ASTM D790
Tensile Strength at Yield	32	MPa	ASTM D638
Tensile Elongation at Yield	5	%	ASTM D638
Impact			
Notched Izod Impact Strength			
(23 °C)	60	J/m	ASTM D256
(-20 °C)	20	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	110		ASTM D785
Thermal			
Vicat Softening Point	152	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm ²)	133	°C	ASTM D648