

GELOY™ RESIN INP338

REGION AMERICAS

DESCRIPTION

SABIC INP338 is an ultra high rubber ABS impact modifier resin, and is based on polybutadiene rubber. Offers superior impact efficiency, especially at low temperatures. Reduces notch sensitivity when alloyed with engineering polymers. Disperses easily. Provides abrasion and chemical resistance to polymers. Provides toughness to PVC sheet, profile, electrical conduit and injection molded applications. Increases the impact strength of recycle PVC and other recyclates. Can be blended with polyurethanes and other polymers for improved performance and economics. Can be used to improve the impact performance of PC, polyesters, and CPVC.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Hardness, Shore D	40	-	ASTM D 2240
PHYSICAL			
Specific Gravity	0.95	-	ASTM D 792
Melt Flow Rate, 200°C/3.8 kgf	5.7	g/10 min	ASTM D 1238
Density (Molded)	0.96	g/cm ³	ISO 1183
Mean Resin Particle Size	180	micrometer	SABIC method
Total NA Volatiles	0.3	%	SABIC method
BD	70	%	SABIC method
Bulk Density	0.25	g/cm ³	ASTM D 1895