

CYCOLAC™ INP338 resin

Acrylonitrile Butadiene Styrene

SABIC Innovative Plastics

Message:

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.

General Information			
Features	Impact resistance, high		
	Dispersible		
	Good wear resistance		
	Low temperature impact resistance		
	Good chemical resistance		
	Good toughness		
Uses	Mixing		
	Plastic modification		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.948	g/cm ³	ASTM D792
-- ¹	0.960	g/cm ³	ISO 1183
Apparent Density	0.25	g/cm ³	ASTM D1895
Melt Mass-Flow Rate (MFR) (200°C/3.8 kg)	5.7	g/10 min	ASTM D1238
BD	70	%	Internal method
Mean Particle Size	180.0	µm	Internal method
Total NA Volatiles	0.30	%	Internal method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	40		ASTM D2240
NOTE			
1.	Molded		

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Recommended distributors for this material

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