

SABIC Innovative Plastics Geloy INP983 ASA

Category : Polymer , Thermoplastic , ASA Polymer , Acrylonitrile/Styrene/Acrylate (ASA), Unreinforced, Molded

Material Notes:

SABIC INP983 is a 32% polybutyl acrylate rubber grafted weatherable ASA modifier resin. Provides excellent impact, heat distortion and weatherability properties. Maintains polymer properties in UV and thermal environments. Toughens compatible rigid polymers without additional impact modification. Expands the use temperature window of compounds. Offers compatibility with many polar polymers. Improve UV resistance when blend with less stable polymers. SABIC INP983 is well suited to produce good weatherability in rigid polymer applications. Can be effectively alloyed with PVC and other miscible thermoplastics in molded, extruded or calendered applications to provide improved heat distortion and impact strength. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Geloy-INP983-ASA.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D 792
Density	1.07 g/cc	0.0387 lb/in ³	molded; ISO 1183
Volatiles	0.20 %	0.20 %	Total NA Volatiles; SABIC Method
Particle Size	250 µm	250 µm	mean resin; SABIC Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	73	73	ASTM D 2240

Descriptive Properties	Value	Comments
Rubber, %	32	SABIC Method

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