

Geloy* Resin 29432A

Americas: DEVELOPMENTAL

PRELIMINARY DATA. Weatherable ASA with Visual Effect pigmentation. Color package may affect properties/performance. Transportation.

Property

TYPICAL PROPERTIES ⁽¹⁾			
MECHANICAL	Value	Unit	Standard
Tensile Stress, brk, Type I, 50 mm/min	31	MPa	ASTM D 638
Tensile Strain, yld, Type I, 50 mm/min	3	%	ASTM D 638
Tensile Strain, brk, Type I, 50 mm/min	35	%	ASTM D 638
Tensile Modulus, 50 mm/min	1990	MPa	ASTM D 638
Flexural Stress, yld, 1.3 mm/min, 50 mm span	62	MPa	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	1990	MPa	ASTM D 790
IMPACT	Value	Unit	Standard
Instrumented Impact Total Energy, 23°C	3	J	ASTM D 3763
THERMAL	Value	Unit	Standard
HDT, 1.82 MPa, 3.2mm, unannealed	86	°C	ASTM D 648

Source GMD, last updated:08/09/2000

Processing

- Barrel temperatures should be banked TO 150°C (300°F)

Parameter	Value	Unit
Sheet Extrusion		
Drying Temperature	80 - 90	°C
Drying Time	3 - 4	hrs
Drying Time (Cumulative)	12	hrs
Minimum Moisture Content	0.04	%
Melt Temperature	220 - 245	°C
Barrel - Zone 1 Temperature	180 - 225	°C
Barrel - Zone 2 Temperature	190 - 230	°C
Barrel - Zone 3 Temperature	205 - 240	°C
Barrel - Zone 4 Temperature	210 - 245	°C
Adapter Temperature	210 - 245	°C
Die Temperature	210 - 245	°C
Roll Stack Temp - Top	70 - 100	°C
Roll Stack Temp - Middle	70 - 95	°C
Roll Stack Temp - Bottom	65 - 90	°C

Source GMD, last updated:08/09/2000

- Purge using HIPS or Ultra HDPE.

THESE PROPERTY VALUES ARE NOT INTENDED FOR SPECIFICATION PURPOSES.

PLEASE CHECK WITH YOUR [\(LOCAL SALES OFFICE\)](#) FOR AVAILABILITY IN YOUR REGION

(1) Typical values only. Variations within normal tolerances are possible for various colors. All values are measured after at least 48 hours storage at 23°C/50% relative humidity. All properties, except the melt volume and melt flow rates, are measured on injection molded

samples. All samples tested under ISO test standards are prepared according to ISO 294.

(2) Only typical data for selection purposes. Not to be used for part or tool design.

(3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

(4) Internal measurements according to UL standards.

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