

Cycolac* Resin Z661

Europe-Africa-Middle East: LIMITED USE

CYCOLAC Z661 is a suspension styrene-acrylonitrile copolymer with an intrinsic viscosity of 66 ml/g, which offers medium flow.

Property

TYPICAL PROPERTIES ⁽¹⁾			
MECHANICAL	Value	Unit	Standard
Tensile Modulus, 1 mm/min	3700	MPa	ISO 527
Flexural Modulus, 2 mm/min	3700	MPa	ISO 178
THERMAL	Value	Unit	Standard
Vicat Softening Temp, Rate B/50	106	°C	ISO 306
Vicat Softening Temp, Rate B/120	108	°C	ISO 306
PHYSICAL	Value	Unit	Standard
Density	1.07	g/cm ³	ISO 1183
Water Absorption, (23°C/sat)	0.25	%	ISO 62
Melt Volume Rate, MVR at 220°C/10.0 kg	28	cm ³ /10 min	ISO 1133

Source GMD, last updated:11/11/1998

Processing

Parameter	Value	Unit
Injection Molding		
Drying Temperature	90 - 100	°C
Drying Time	2 - 4	hrs
Melt Temperature	200 - 260	°C
Mold Temperature	60 - 80	°C

Source GMD, last updated:11/11/1998

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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