

# CYCOLAC™ RESIN INP572

REGION AMERICAS

## DESCRIPTION

Low flow SAN pellets.

## TYPICAL PROPERTY VALUES

Revision 20170816

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>MECHANICAL</b>			
Flexural Stress, yld, 1.3 mm/min, 50 mm span	134	MPa	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	3900	MPa	ASTM D 790
Flexural Stress, yield, 2 mm/min	92	MPa	ISO 178
Flexural Modulus, 2 mm/min	3460	MPa	ISO 178
<b>IMPACT</b>			
Charpy Impact, unnotched, 23°C	1	kJ/m <sup>2</sup>	ISO 179/2C
Izod Impact, notched, 23°C	46	J/m	ASTM D 256
Izod Impact, notched 80*10*4 +23°C	3	kJ/m <sup>2</sup>	ISO 180/1A
Izod Impact, notched 80*10*4 -30°C	2	kJ/m <sup>2</sup>	ISO 180/1A
<b>THERMAL</b>			
HDT, 0.45 MPa, 3.2 mm, unannealed	95	°C	ASTM D 648
HDT, 1.82 MPa, 3.2mm, unannealed	85	°C	ASTM D 648
Vicat Softening Temp, Rate B/50	102	°C	ISO 306
Vicat Softening Temp, Rate B/120	105	°C	ISO 306
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	87	°C	ISO 75/Af
<b>PHYSICAL</b>			
Specific Gravity	1.08	-	ASTM D 792
Melt Flow Rate, 230°C/3.8 kgf	5.8	g/10 min	ASTM D 1238
Density	1.08	g/cm <sup>3</sup>	ISO 1183
Melt Flow Rate, 220°C/10.0 kg	16	g/10 min	ISO 1133

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