LNP™ COLORCOMP™ COMPOUND JX09403J

DESCRIPTION

LNP™ COLORCOMP™ JX09403J is an unfilled Polyethersulfone. Added features include Colorability and Healthcare.

TYPICAL PROPERTY VALUES

Revision 20191211

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Modulus, 50 mm/min	2690	MPa	ASTM D 638
Tensile Stress, brk, Type I, 5 mm/min	88.9	MPa	ASTM D 638
Tensile Strain, yld, Type I, 5 mm/min	6.5	%	ASTM D 638
Flexural Modulus, 1.3 mm/min, 50 mm span	2620	MPa	ASTM D 790
Flexural Stress, yld, 1.3 mm/min, 50 mm span	125	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	53	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	200	°C	ASTM D 648
PHYSICAL			
Density	1.37	g/cm³	ISO 1183
Specific Gravity	1.37	-	ASTM D 792
INJECTION MOLDING			
Drying Time	4	hrs	
Drying Temperature	120 – 150	°C	
Maximum Moisture Content	0.5	%	
Melt Temperature	355 – 370	°C	
Rear - Zone 1 Temperature	345 – 355	°C	
Middle - Zone 2 Temperature	360 – 370	°C	
Nozzle Temperature	370 – 380	°C	
Mold Temperature	140 – 150	°C	
Back Pressure	0.3 – 0.7	MPa	
Screw Speed	60 – 100	rpm	

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