LNP™ THERMOCOMP™ COMPOUND WX96784

DESCRIPTION

Mineral Filled, Impact Modified, PBT, FR

TYPICAL PROPERTY VALUES

Revision 20191210

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, brk, Type I, 5 mm/min	52	MPa	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	10 – 15	%	ASTM D 638
Flexural Modulus, 1.3 mm/min, 50 mm span	3103	MPa	ASTM D 790
Flexural Stress, brk, 1.3 mm/min, 50 mm span	97	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	117.5	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	77	°C	ASTM D 648
PHYSICAL			
Water Absorption, 24 hours	.05	%	ASTM D 570
Specific Gravity	1.5	-	ASTM D 792
Mold Shrinkage, 48 hrs @ 23°C, flow	1.10	%	SABIC method
MECHANICAL PROPERTIES			
Izod impact notched at 23 °C	117.4	J/m	ASTM D256A
INJECTION MOLDING			
Melt Temperature	248 – 276	°C	
Mold Temperature	80 – 93	°C	
Screw Speed	40 – 80	rpm	
Back Pressure	.334	MPa	

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