LNP™ STAT-LOY™ NX03583 compound

Polycarbonate + ABS

SABIC Innovative Plastics

Message:

LNP STAT-LOY* NX03583 is a compound based on PC+ABS Blend resin. Added features of this material include: Antistat, Flame Retardant. Also known as: LNP* STAT-LOY* Compound PDX-03583 Product reorder name: NX03583

Tensile StrengthASTM D638Yield56.2MPaBreak49.6MPaTensile ElongationNaTM D638Yield100%Break50%Break50%Flexural Modulus2160MPaFlexural Strength84.8MPaNorhand YalueUnitTest MethodInspact640J/mASTM D256Instrumented Dart Impact (23°C, Energy at Peak Load)JaJaNorhand YalueUnitTest MethodDeficion Temperature Under Load (18) Pla, Jannenaled, 3.20 mm)SoldJaSurface Resistivity10£1 to 1.0E+12ohmsASTM D257FlemmabilityNominal ValueUnitTest MethodSurface Resistivity10£1 to 1.0E+12ohmsASTM D257FlemmabilityNominal ValueUnitTest MethodFlemmabilityNominal ValueUnitTest MethodFlemmabilitySoldJoJuJuFleme Atting (1.59 mm, Testing by SABI)62VitU14FlexingSoldSoldSoldJuFlexingSoldSoldSoldSoldFlexingSoldSoldSoldSoldFlexing (1.59 mm, Testing by SABI)SoldSoldSoldFlexingSoldSoldSoldSoldFlexing (1.59 mm, Testing by SABI)SoldSoldSoldFlexingSoldSoldSoldSoldFlexi	General Information			
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	Injection	Nominal Value	Unit	
Drying Time 4.0 hr	Drying Temperature	82.2	°C	
	Drying Time	4.0	hr	

Suggested Max Moisture	0.020	%	
Rear Temperature	199 to 210	°C	
Middle Temperature	210 to 221	°C	
Front Temperature	221 to 232	°C	
Processing (Melt) Temp	199 to 232	°C	
Mold Temperature	37.8 to 54.4	°C	
Back Pressure	0.172 to 0.344	МРа	
Screw Speed	30 to 60	rpm	
NOTE			
1.	50 mm/min		

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