

LNP™ COLORCOMP™ PX99848 compound

Polyamide 6
SABIC Innovative Plastics

Message:

LNP COLORCOMP PX99848 is a compound based on Nylon 6 resin containing Unfilled Custom Color.
Also known as: LNP* COLORCOMP* Compound PDX-P-99848
Product reorder name: PX99848

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow: 24 hours	1.2	%	ASTM D955
Transverse flow: 24 hours	1.4	%	ASTM D955
Water Absorption (24 hr, 50% RH)	1.3	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	3470	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	76.5	MPa	ASTM D638
Fracture	76.5	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.5	%	ASTM D638
Fracture	4.5	%	ASTM D638
Flexural Modulus	2890	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Unnotched Izod Impact (23°C)	640	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 3.20mm	180	°C	ASTM D648
1.8 MPa, unannealed, 3.20mm	57.2	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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