

LNPT[™] COLORCOMP[™] COMPOUND WQ117945

DESCRIPTION

LNP COLORCOMP COMPOUND WQ117945 is a PET based masterbatch for foaming applications containing a nanostructured, non-mineral based additive. Typical usage levels in final foam formulations are below 5%.

TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
THERMAL			
Glass Transition Temperature (T _g)	79	°C	ISO 11357-2
Melting Temperature (T _m)	250	°C	ISO 11357-3
Crystallinity ⁽¹⁾	32	%	-
Ash Content ⁽²⁾	<0.05	%	ISO 3451
PHYSICAL			
Melt Volume Rate, MVR at 260°C/ 1.2 kg	25	cm ³ /10 min	ISO 1133
Bulk Density ⁽³⁾	0.7	g/cm ³	ASTM D1895
Density ⁽⁴⁾	1.06	g/cm ³	ASTM D1505

(1) Crystallinity in pellets

(2) 1 hour at 600 °C

(3) Pour Density

(4) Pellet Density

PROCESSING CONDITIONS

Processing	Values
Maximum melt temperature	300 °C
Drying Temperature	150-160 °C
Drying time	6-12 hours
Dew Point of Drying Air	< -20 °C
AirFlow Rate	2.2 m ³ /h/kg

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