

Product Texts

LNP COLORCOMP W1000I compound is based on Polybutylene Terephthalate (PBT) resin. Added features of this grade include: High Viscosity suitable for Extrusion.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	9	cm ³ /10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	51	MPa	ASTM D 638
Elongation at Break	300	%	ASTM D 638
Flexural Modulus	2340	MPa	ASTM D 790
Rockwell Hardness	R 117	-	ASTM D 785
Izod Impact notched, 1/8 in	53	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	1600	J/m	ASTM D 256

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1310	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific