

Technical Data Sheet
Lucent TPO TPO-20NBS
Polyolefin
Engineering Plastics



Product Description

20% Mineral Filled, Thermoplastic Polyolefin

Melt Flow Adjustable perr Application
Colors Available
Add "U" for UV Stabilized
Add "H" for Heat Stabilized

General

- | | |
|------------------------|---------------------------------|
| Filler / Reinforcement | • Mineral, 20% Filler by Weight |
| Appearance | • Colors Available |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 g/cm³	ASTM D792
Molding Shrinkage - Flow (0.125 in (3.18 mm))	9.0E-3 in/in	0.90 %	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3000 psi	20.7 MPa	ASTM D638
Tensile Elongation (Break)	> 50 %	> 50 %	ASTM D638
Flexural Modulus	275000 psi	1900 MPa	ASTM D790
Flexural Strength	5000 psi	34.5 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	7.0 ft·lb/in	370 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	110 °F	43.3 °C	ASTM D648

Notes

These are typical property values not to be construed as specification limits.

