

L12Z-01

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	26.5	MPa	ASTM D 638
Tensile Strength at Break	17.2	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Elongation at Break	158	%	ASTM D 638
Rockwell Hardness	R 84	-	ASTM D 785
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	105	°C	ASTM D 648
DTUL @ 264 psi	54	°C	ASTM D 648
Vicat Temperature	149	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	81	-	ASTM D 2457
Other properties			
Density	903	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static

Features

Ductile, High Gloss, Nucleated, Copolymer, Impact Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Toys

Regional Availability

North America