

L34N-00

PP

INEOS Olefins & Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	34	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0153	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0163	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	26.9	MPa	ASTM D 638
Tensile Strength at Break	19.2	MPa	ASTM D 638
Elongation at Yield	5.23	%	ASTM D 638
Elongation at Break	132	%	ASTM D 638
Rockwell Hardness	R 89	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	106	°C	ASTM D 648
DTUL @ 264 psi	57	°C	ASTM D 648
Vicat Temperature	151	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	69.2	-	ASTM D 2457

Other properties	Value	Unit	Test Standard
Density	903	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Features

Ductile, Nucleated, Copolymer, Impact Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America