

Cosmoplene® H101E

PP

The Polyolefin Company (Singapore) Pte Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3.5	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.016	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.016	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	31	MPa	ASTM D 638
Flexural Modulus	950	MPa	ASTM D 790
Rockwell Hardness	R 93	-	ASTM D 785
Thermal properties			
ASTM Data			
DTUL @ 66 psi	110	°C	ASTM D 648
Melting Temperature	165	°C	ASTM D 3418
Other properties			
Density	900	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	220 - 260	°C	-
Mold temperature	40 - 50	°C	-
Injection pressure	6.9	MPa	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Features

Homopolymer

Regional Availability

Asia Pacific