

Corton 1085 HS 70104

PP-T40

PolyPacific Pty Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	19	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	28	MPa	ASTM D 638
Elongation at Break	9	%	ASTM D 638
Flexural Modulus	3950	MPa	ASTM D 790
Rockwell Hardness	R 92	-	ASTM D 785
Shore D Hardness	71	-	ASTM D 2240
Izod Impact notched, 1/8 in	20	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	210	J/m	ASTM D 256
Thermal properties			
ASTM Data			
Coefficient of Thermal Expansion, MD	60	E-6/K	ASTM D 696
DTUL @ 66 psi	130	°C	ASTM D 648
DTUL @ 264 psi	77	°C	ASTM D 648
Other properties			
Density	1250	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Features

Thermal Stability, Homopolymer

Applications

Automotive

Regional Availability

Asia Pacific