

PROPAK 7021

PP-T40

PolyPacific Pty Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	30	MPa	ASTM D 638
Elongation at Break	11	%	ASTM D 638
Flexural Modulus	4270	MPa	ASTM D 790
Rockwell Hardness	R 101	-	ASTM D 785
Shore D Hardness	72	-	ASTM D 2240
Izod Impact notched, 1/8 in	23	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	200	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	60	E-6/K	ASTM D 696
DTUL @ 66 psi	135	°C	ASTM D 648
DTUL @ 264 psi	84	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1250	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Medical, Packaging

Regional Availability

Asia Pacific