Polimaxx 1111JX TA8

PP-T40 IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	**3.5**	g/10min	ASTM D 1238
Temperature	**230**	°C	-
Load	**2.16**	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	**36**	MPa	ASTM D 638
Elongation at Break	**5**	%	ASTM D 638
Flexural Modulus	**5886**	MPa	ASTM D 790
Rockwell Hardness	**R 100**	-	ASTM D 785
Izod Impact notched, 1/8 in	**29**	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	**HB**	-	UL 94
Thickness tested	**1.5**	mm	-
DTUL @ 66 psi	**147**	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	**1240**	kg/m³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80 - 85**	°C	-
Pre-drying - Time	**2 - 3**	h	-
Melt temperature	**190 - 240**	°C	-

Characteristics

Processing
Injection Molding

Special Characteristics
Heat stabilized or stable to heat

Features
Homopolymer

Applications
Automotive, Electrical and Electronical

Regional Availability
Europe, Asia Pacific

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