

TAIRIPRO T1002

Polypropylene Homopolymer
Formosa Plastics Corporation

Message:

FCFC PP resin T1002 meets the requirements of UL, FDA, RoHS and the certificates of environmental protection.

General Information			
UL YellowCard	E162823-460056		
Features	Homopolymer		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS compliance		
UL File Number	E162823		
Forms	Particle		
Processing Method	Extrusion blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.7	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	1.5 - 1.9	%	Internal method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	35.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	> 200	%	ASTM D638
Flexural Modulus (23°C)	1470	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C, 3.18 mm)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 6.35 mm)	110	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94
Extrusion instructions			

Screw Temp: 200-230°CMolding Temp: 190-210°C

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