

TAIRIPRO F2003

Polypropylene Homopolymer
Formosa Plastics Corporation

Message:

FCFC PP resin F2003 meets the requirements of FDA, RoHS and the certificates of environmental protection.

General Information			
Features	Homopolymer		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Film extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
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)	32.4	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	> 200	%	ASTM D638
Flexural Modulus (23°C)	1230	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C, 3.18 mm)	44	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 6.35 mm)	105	°C	ASTM D648
Extrusion instructions			

Screw Temperature: 220-260°C Molding Temperature: 230-250°C Casting Roll: 30°C Cooling Water Temperature: 30-40°C Chilling Water Temperature: 12-18°C

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