



TAIRIPRO® PP Resin

Property	Unit	Test Method	Test Condition	Extrusion
				B8001A
Melt Flow Index	g/10min	ASTM D-1238	230°Cx2.16kg	0.5
Tensile Strength at Yield	kg/cm ² (Mpa)	ASTM D-638	23°C	270 (26)
Tensile Elongation at Break	%	ASTM D-638	23°C	>200
Flexural Modulus	kgf/cm ²	ASTM D-790A	23°C	11000
Rockwell Hardness	R-scale	ASTM D-785	23°C	80
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23°C 1/8"bar	80 (784)
			-20°C 1/8"bar	11 (108)
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 1/4" bar	105
Molding Shrinkage Temperature	%	FCFC Method	23°C	1.5~1.9
Specific Gravity		ASTM D-792	23°C/23°C	0.9
FDA Compliance				Yes
Flammability		UL-94	FileNo.E162823	-
CHARACTERISTICS	Excellent impact strength, Excellent resistance to low temp. Brittleness, Good luster			

All tests were run under laboratory conditions, ASTM, ISO testing procedures. The data are intended as a general guide only.

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