

TAIRIPRO○R PP Resin

Property	Unit	Test Method	Test Condition	Injection Molding
				K4650
Melt Flow Index	g/10min	ASTM D-1238	230°Cx2.16kg	50
Tensile Strength at Yield	kg/cm ² (Mpa)	ASTM D-638	23°C	310 (30)
Tensile Elongation at Break	%	ASTM D-638	23°C	>200
Flexural Modulus	kgf/cm ²	ASTM D-790A	23°C	11500 (1127)
Rockwell Hardness	R-scale	ASTM D-785	23°C	95
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23°C 1/8"bar	4.5 (44)
			-20°C 1/8"bar	—
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 1/4" bar	95
Molding Shrinkage Temperature	%	FCFC Method	23°C	1.5~2.0
Specific Gravity		ASTM D-792	23°C/23°C	0.9
FDA Compliance				Yes
Flammability		UL-94	File No. E162823	-
CHARACTERISTICS	High fluidity, High clarity, Anti-static			