

PP
P110-FRX

旭光普利
SUNPOLY

Product Description	Applications
PP	Injection molding
Excellent flammability	Good mechanical properties balance

Properties	Test Method	Test Condition	Unit	Typical Values
Physical properties				
Specific Gravity	ASTM D792	23	g/cm ³	0.93
Mechanical properties				
Tensile Yield Strength	ASTM D638	50mm/min	MPa	22
Tensile Breaking Elongation	ASTM D638	50mm/min	%	100
Flexural Strength	ASTM D790	2mm/min	MPa	30
Flexural Modulus	ASTM D790	2mm/min	MPa	1300
Izod Notched Impact Strength	ASTM D256	23	J/m	70
Other properties				
Flammability	UL 94	3.2mm	Class	V0

Note: The data above is typical value for reference, not guarantee value. The data will vary with tool design such as gate type , gate location, gate number, injection molding process and part thickness. The data will vary with different color as well. Prior to use the material, please consult with Sunway polymer.

Processing Conditions		Range
Melt Temperature		180-210
Barrel Temperature	, Rear	180-200
	, Center	185-205
	, Front	200--210
Mold Temperature		30-50
Pre-Dry needed		90-100 , 2h

Note: The above process condition is only for reference. The actual process should be adjusted according to different type of machine, mold design and product design.