

# HOPELEN SJ-170T

Polypropylene Homopolymer  
Lotte Chemical Corporation

Message:

SJ-170T is homo polymer resin produced through the polymerization of propylene. This grade is designed to be processed in conventional Injection molding equipment. SJ-170T shows good thermal stability and high melt-flow. It is typically used in production of housewares, the transparency stationery and disposable syringes.

General Information			
Features	Good Thermal Stability		
	High Flow		
	Homopolymer		
Uses	Household Goods		
	Stationary Supplies		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.3	MPa	ASTM D638
Tensile Elongation (Break)	< 100	%	ASTM D638
Flexural Modulus	1860	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	20	J/m	
23°C	25	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648

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