

# ASI POLYSTYRENE PS 1010-01

General Purpose Polystyrene

A. Schulman Inc.

Message:

PS 1010-01 is a general purpose polystyrene produced in pellet form for injection molding. PS 1010 has excellent clarity and easy flow.

General Information			
Features	Good Flow		
	High Clarity		
Uses	General Purpose		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (L-Scale)	74		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2880	MPa	ASTM D638
Tensile Strength (Break)	43.4	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	16	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	87.8	°C	ASTM D648
Vicat Softening Temperature	98.3	°C	ASTM D1525

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## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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