

# TOLEN R125 IM

Polypropylene Random Copolymer

SIBUR, LLC

## Message:

PP R125 IM is a propylene-ethylene random copolymer. The product features fluidity above average, an optimal stabilization package and balanced physical and mechanical properties.

General Information			
Features	Good Stability		
	Low Flow		
	Random Copolymer		
Uses	Transparent Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (Yield)	23.0	MPa	Internal Method
Tensile Strain <sup>2</sup> (Yield)	12	%	Internal Method
Flexural Modulus <sup>3</sup>	800	MPa	Internal Method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	9.0	kJ/m <sup>2</sup>	Internal Method
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	65.0	°C	Internal Method
Vicat Softening Temperature	135	°C	Internal Method <sup>4</sup>
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	5.0 mm/min		
4.	A (10N)		

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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

