

TOLEN R007 EX

Polypropylene Random Copolymer
SIBUR, LLC

Message:

PP R007 EX is a propylene-ethylene random copolymer. The product features low fluidity and a special stabilization package that ensures long-term operation of final products at high temperatures.

General Information	
Features	Good Stability
	Low Flow
	Random Copolymer
Uses	Consumer Applications
	Fittings
	Piping
	Sheet
	Strapping
Processing Method	Extrusion
	Injection Molding
	Pipe Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.70	g/10 min	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ¹ (Yield)	23.0	MPa	Internal Method
Tensile Strain ² (Yield)	12	%	Internal Method
Flexural Modulus ³	800	MPa	Internal Method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	9.0	kJ/m ²	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 ⁴

NOTE	
1.	50 mm/min
2.	50 mm/min
3.	5.0 mm/min
4.	A (10N)

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