

Topilene® R301

Polypropylene Random Copolymer

Hyosung Corporation

Message:

Characteristics:

High transparency

Stiffness

Stretchability

Random Copolymer

Applications:

Extrusion blow molding

Thermoforming sheet

General Information	
Features	Good Processability
	Good Stretchability
	High Clarity
	Random Copolymer
Uses	Blow Molding Applications
	Bottles
	Food Containers
	Sheet
Processing Method	Blow Molding
	Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.4	MPa	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648

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