

Polypropylene DR155.01

Description:

DR155.01 Performance Random Copolymer has been specifically developed for extrusion blow molding and extrusion blown film applications. The polymer combines features like superior clarity, very good gloss and surface finish, high distortion temperature.

Processing conditions:

BRASKEM DR155.01 is easy to process with common extrusion equipment with conditions depending on the type of extrusion conversion technology applied. Recommended extrusion temperature from 190 to 220°C.

Additivation:

Nucleating Agent

Applications:

Cosmetic packaging, Household and chemical containers, Flexible packaging

Processes:

Blow Molding, Film Extrusion, Thermoforming

Typical Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	1.7
Density	ISO 1183-1	g/cm ³	0.900
Flexural Modulus ^a	ISO 178	MPa	900
Tensile Strength at Yield ^a	ISO 527-1	MPa	30
Tensile Elongation at Yield ^a	ISO 527-1	%	12
Notched Charpy Impact Strength at 23°C ^a	ISO 179	kJ/m ²	22
Heat Deflection Temperature under Load at 0.455 MPa ^a	ISO 75-1/75-2	°C	80
Vicat Softening Temperature at 10 N ^a	ISO 306	°C	125

a) Injection molded specimen according to ISO 294.

Final Remarks

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