

# Braskem PP CP 295

Polypropylene Impact Copolymer

Braskem

Message:

CP 295 is a heterophasic polypropylene copolymer with high melt flow rate and very high impact strength. This resin is suitable for applications requiring excellent mechanical properties.

Applications:

Compounds

Processing:

Injection Moulding

General Information			
Features	High Flow		
	High Impact Resistance		
	Impact Copolymer		
Uses	Compounding		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.895	g/cm <sup>3</sup>	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
R-Scale, Injection Molded	45		ASTM D785
R-Scale	34		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus			
1% Secant : Injection Molded	800	MPa	ASTM D790
Injection Molded	650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
-20°C, Injection Molded	100	J/m	ASTM D256
23°C, Injection Molded	No Break		ASTM D256
-20°C, Injection Molded	8.2	kJ/m <sup>2</sup>	ISO 180
23°C, Injection Molded	49	kJ/m <sup>2</sup>	ISO 180

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