

**Datasheet**

Review 4 (Nov / 17)

Polypropylene C765-15NA**Description:**

BRASKEM C765-15NA Polypropylene Resin is a high performance impact copolymer developed for injection molding applications. BRASKEM C765-15NA Polypropylene Resin has an improved balance of mechanical properties featuring outstanding stiffness and high impact strength which is maintained even at low temperatures. BRASKEM C765-15NA Polypropylene Resin offers an improvement in stiffness over conventional impact copolymers with comparable flow and toughness. The resin is nucleated and shows excellent antistatic properties.

Additivation:

Nucleating Agent

Applications:

Consumer Goods - Houseware, Crates, Container and Material Handling, Packaging, Compounding, toys, pails and buckets, Thin wall containers

Processes:

Injection molding.

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	15

Typical Properties^a

Feature	Method	Units	Values
Density	D 792	g/cm ³	0.900
Flexural Modulus - 1% Secant	D 790	MPa	1200
Tensile Strength at Yield	D 638	MPa	26
Tensile Strength at Rupture	D 638	MPa	10
Shore Hardness (D Scale)	D 2240	-	66
Notched Charpy Impact Strength at 23°C	D 6110	J/m	12
Notched Charpy Impact Strength at 0°C	D 6110	J/m	8
Notched Charpy Impact Strength at -20°C	D 6110	J/m	6.5
Deflection Temperature under Load at 0.455 MPa	D 648	°C	90
Vicat Softening Temperature at 10 N	D 1525	°C	150

a) Injection molded specimen according to ASTM D 4101. NB = No Break.