


Datasheet
Polypropylene CD700NAQ
Description:

BRASKEM CD700NAQ Polymer is an impact copolymer developed especially for high speed thin wall injection molding. BRASKEM CD700NAQ Polymer has a very high melt flow rate and features excellent impact strength, even at low temperatures. BRASKEM CD700NAQ Polymer is designed and formulated to allow for simple processing, short cycle times, low shrinkage, minimal warpage and good part dimensional stability. The resin contains a very efficient antistatic package.

Additivation:

Antistatic

Applications:

Thin wall packaging, Thin wall containers, Caps & Closures, Houseware, Boxes for frozen products, Videocassette boxes

Processes:

Injection molding.

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	70

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	24.5
Tensile Elongation at Yield	D 638	%	7
Notched Charpy Impact Strength at 23°C	D 6110	J/m	8
Notched Charpy Impact Strength at 0°C	D 6110	J/m	4.5
Notched Charpy Impact Strength at -20°C	D 6110	J/m	3.5
Deflection Temperature under Load at 0.455 MPa	D 648	°C	89
Vicat Softening Temperature at 10 N	D 1525	°C	150

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