

DOW™ Polypropylene C705-44NAHP

PP

The Dow Chemical Company

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	44	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	28	MPa	ISO 527-1/-2
Yield strain	7	%	ISO 527-1/-2
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA
Flexural modulus, 23°C	1450	MPa	ISO 178

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static, High impact or impact modified

Features

Impact Copolymer

Ecological valuation

Food contact, Food approval FDA 21 CFR

Regional Availability

Europe, Asia Pacific, Near East/Africa

