TOTAL Polypropylene PPC 4944CWZ

Polypropylene Impact Copolymer

TOTAL Refining & Chemicals

Message:

TOTAL 4944CWZ polypropylene is a nucleated and controlled rheology impact copolymer with a very High Melt Flow of 50 g/10min.

TOTAL 4944CWZ is characterized by improved stiffness and impact resistance, as well as low shrinkage and low warpage. It has been formulated for excellent antistatic properties and mold release characteristics.

TOTAL 4944CWZ has been developed for high speed injection molding of thin-walled packaging containers and household articles.

Antistatic property Peatures Nucleated Low warpage Rigid, good Antistatic property Impact resistance, good Controlled rheology High liquidity Low shrinkage Uses Thin wall packaging Thin wall container Household goods EC 1907/2006 (REACH) RROHS Compliance RoHS compliance Processing Method Injection molding Physical Nominal Value Unit Test Method Density 0,905 9/rom³ ASTM D1505 Meth Mass-Flow Rate (MFR) 5,0 9,010 min ASTM D1238 Mechanical Nominal Value Unit Test Method Tensile Etongation (Yield) 5,0 9,4 ASTM D638 Tensile Strength (Yield) 5,0 9,4 ASTM D638 Tensile Etongation (Yield) 1450 MPa ASTM D638 Tensile Etongation (Yield) 1450 MPa ASTM D790 Impact Nominal Value Unit Test Method Notiched Izod Impact (23°C) 10 MPa ASTM D790 Impact Nominal Value Unit Test Method Notiched Izod Impact (23°C) 10 MPa ASTM D790 Impact Nominal Value Unit Test Method Notiched Izod Impact (23°C) 10 MPa ASTM D636 Thermal	General Information			
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Thermal Nominal Value Unit Test Method	Impact	Nominal Value	Unit	Test Method
	Notched Izod Impact (23°C)	80	J/m	ASTM D256
Vicat Softening Temperature 150 °C ASTM D1525	Thermal	Nominal Value	Unit	Test Method
	Vicat Softening Temperature	150	°C	ASTM D1525

Melting Temperature 163 °C

Additional Information

Heat Deflection, ASTM D648: 90°CMelting Point, Total PP Method: 160 to 165°C

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