Total Petrochemicals Polypropylene 5945WZ is a nucleated impact copolymer with a Melt Flow of 80 g/10min.

5945WZ is characterized by very low warpage, improved stiffness, and high impact resistance balance, excellent antistatic properties and has been formulated to allow faster cycling through early demolding.

5945WZ complies with all applicable FDA regulations for food contact applications.

5945WZ has been developed specifically for the injection molding of media packaging, thin-walled articles and compounding.

Resin Properties	Typical Value	Test Method
Melt Flow, g/10 min.	80	ASTM D-1238
Density, g/cm^3	0.905	ASTM D-1505
Melting Range, °C	160 - 165	TOTAL Polypropylene Method

Mechanical Properties

Tensile Strength at Yield, psi (M Pa)	3,700 (25)	ASTM D-638
Elongation at Yield, %	6	ASTM D-638
Flexural Modulus, psi (M Pa)	180,000 (1,250)	ASTM D-790
Izod Impact (Notched)		
@ 23°C, ft-lb/in (J/m)	1.6 (85)	ASTM D-256

Thermal Properties

Unannealed Heat Deflection		
Temperature, F^o (°C)	230 (110)	ASTM D-648

5945WZ   10/05

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TOTAL PETROCHEMICALS

TOTAL PETROCHEMICALS USA, INC.

TOTAL