

Good Processability. TOTAL Polypropylene 5724 is characterized by a high fluidity offering a combination of ease of processing and excellent impact properties in applications ranging from industrial to household.

Recommended Applications. TOTAL Polypropylene 5724 has been developed with improved gloss and excellent color for the manufacture of garden furniture, automotive applications, caps, closures, paint containers and toys requiring extra toughness.

Processing. TOTAL Polypropylene 5724 resin processes on conventional injection molding equipment with typical melt temperatures of 390-450°F (200-232°C). Call the nearest TOTAL Polypropylene Sales Office for additional information.

<u>Resin Properties</u>	<u>Typical Value</u>	<u>Test Method</u>
Melt Flow, g/10 min.	20	ASTM D-1238
Density, g/cm ³	0.905	ASTM D-1505
Melting Point, °C	160 – 165	ATOFINA Method
<u>Mechanical Properties</u>⁽¹⁾		
Tensile Strength at Yield, psi (M Pa)	3100 (21)	ASTM D-638
Elongation, % at Yield	7	ASTM D-638
Flexural Modulus, psi (M Pa)	130,000 (910)	ASTM D-790
Izod Impact		ASTM D-256
Notched – 23°C J/m (ft-lb/in)	No Break (No Break)	
-20°C J/m (ft-lb/in)	75 (1.5)	
<u>Thermal Properties</u>		
Vicat Softening Point, °C	143	ASTM D-1525
Heat Deflection Temperature, °C	86	ASTM D-648

1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
 (2) MP determined with a DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.

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All tests were run under laboratory conditions. ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of TOTAL products must be guided by the users own methods for selection of proper formulation. TOTAL PETROCHEMICALS USA, INC. disclaims any responsibility for misuse or miss application of its products. TOTAL MAKES NO WARRANTY OF MERCHANTABILITY AND THERE IS NO WARRANTY THAT GOODS SUPPLIED SHALL BE FIT FOR ANY PARTICULAR PURPOSE. TOTAL'S liability and customer's exclusive remedy for any claims arising out of sales of its products are expressly limited at customer option to replacement of non-performing goods or payment not to exceed the purchase price plus transportation charges thereon in respect to any material which damage is claimed.