

Polypropylene

Product Number	Mechanical Properties						Thermal Properties
	Melt Flow Rate ASTM D1238	Tensile Strength at Yield ASTM D 638	Elongation at Yield ASTM D 638	Flexural Modulus ASTM D 790	Izod Impact Notched @ 23 °C ASTM D 256	Izod Impact Notched @ -20 °C ASTM D 256	Heat Deflection Temperature ASTM D 648
Units	g/10 min	psi M Pa	%	psi M Pa	ft-lb/in J/m	ft-lb/in J/m	°F °C
Homopolymers							
TOTAL 3270	2	5,400 38	6	300,000 2,070	0.5 26	NA	220 104
TOTAL 3622	12	4,400 30	12	200,000 1,380	0.4 21	NA	250 121
TOTAL 3762	18	4,600 32	12	200,000 1,380	NA	NA	250 121
TOTAL 3825	30	4,800 33	12	220,000 1,520	0.4 21	NA	250 121
TOTAL 3925WZ	60	5,500 38	10	265,000 1,830	0.4 21	NA	260 127
Metallocene							
TOTAL M3766	23	NA	NA	NA	NA	NA	NA

W = nucleated, Z = antistat, M = clarified, C = slip, R = radiation stability

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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.

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