



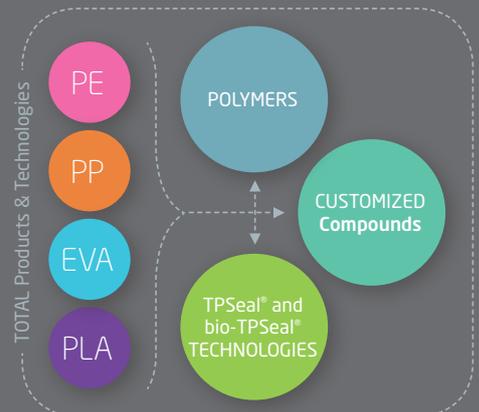
**TOTAL**  
COMMITTED TO BETTER ENERGY



# ROTOMOLDING RESINS TO PERFORM

**WE DEVELOP RESINS THAT MOLD THE PERFORMANCE YOU NEED**

VISIT US: [polymers.total.com](http://polymers.total.com)  
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## ROTATIONAL MOLDING PORTFOLIO

	GRADE	MAIN PROPERTIES		TYPICAL APPLICATIONS	FEATURES
		Density <sup>1</sup> [g/cm <sup>3</sup> ]	Melt flow rate <sup>2</sup>		
PE	TPSeal® M 2731 UV	0.927	3.5	Toys, Buoys...	Flexibility, High ESCR
	M 3421 UV	0.934	2.7	Large tanks, TÜV* certified	Low sag, Chemical resistance
	M 3581 UV	0.935	6.0	Small tanks, TÜV* certified	High flow
	M 4041 UV	0.940	4.0	Tanks, TÜV* certified	High stiffness
	TPSeal® M 4741 UV	0.947	4.0	Tanks, TÜV* certified	High stiffness, High ESCR, Low shrinkage
PP	TPSeal® PP 10T1	-	10	Design, Lights...	Clarified
	TPSeal® PP 15C1	-	15	Tanks, Technical parts	Impact modified
	TPSeal® PP 20C1	-	20	Tanks, Technical parts	Impact modified, High flow
EVA	TPSeal® EVA 3641	0.935	4.0	Soft touch	Flexibility
BTPS	BioTPSeal® BTPS 6551	0.965	5.5	Boats, Flat panels	High stiffness, Surface finish, Low shrinkage
	BioTPSeal® BTPS 7531	0.975	3.0	Boats, Flat panels	High stiffness, Low sag, Low shrinkage

	GRADE	IN COMBINATION WITH	TYPICAL APPLICATIONS	FEATURES
MULTILAYER TECHNOLOGIES	TPSeal® M3670	PA-11	Gasoline tanks (EPA, CARB)	PA-11 for Fuel barrier, PE for high impact at low T°
	BTPS 3500	PE	Paintability	PLA for paintability
	- TPSeal® PE FOAM 235: expansion factor 4-5 - TPSeal® PE FOAM 155: expansion factor 5-6	PE	Structural parts, Tanks	PE as inside and outside skin, Foam for compression strength
	TPSeal® PE FR	PE	E&E, Building & Construction, Transportation	UL94 V0 @3mm GWFI 750°C @3mm NF P 92-501 M3 @3mm
	TPSeal® PP FR	PP	E&E, Building & Construction, Transportation	UL94 V0 @3mm GWFI 850°C @3mm NF P 92-501 M3 @3mm
	TPSeal® PE ESD	PE	Atex, Packaging for electronics	Electro-Static Discharge performance [10 <sup>-3</sup> -10 <sup>-6</sup> Ω/sq]

All products available in pellets or powder form

1 - (ISO 1183) | 2 - PE: 2.16kg - 190°C g/10min (ISO 1133/D) - PP: 2.16kg-230°C g/10min (ISO 1133) | \* - TÜV CER34



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