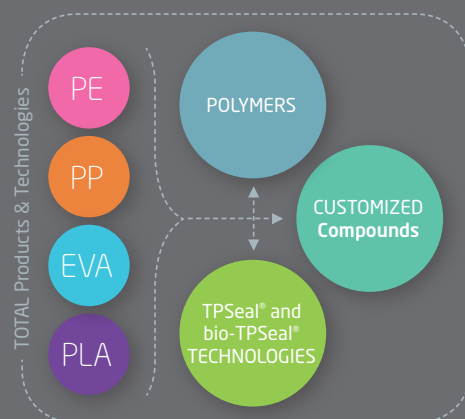




ROTOMOLDING RESINS TO PERFORM

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

VISIT US: www.totalrefiningchemicals.com
CONTACT US: rotomolding@total.com



ROTATIONAL MOLDING PORTFOLIO

	GRADE	MAIN PROPERTIES				TYPICAL APPLICATIONS											COMMENTS	
		Density ¹ (g/cm ³)	Melt flow rate ²	Form	Tensile Modulus ³ (MPa)	Heating oil tank	Chemical tanks	Fuel tanks	Underground Chamber	Water tanks	Hot Water Applications	Air Duct	Design	Marine	Multilayer Foam	Rotomolding		Technical parts
PE	Lumicene® M 3421 UV Natural / Black	0.934	2.7	pellets / powder	720	x	x	x	x	x			x					TÜV CER 34
	Lumicene® M 3581 UV Natural / Black	0.935	6	pellets / powder	700		x			x		x	x			x		TÜV CER 34
	Lumicene® M 4041 UV Natural / Black	0.940	4	pellets / powder	800	x		x	x	x			x					TÜV CER 34
	TPS-0007 UV Natural / Black	0.947	4	pellets / powder	1000	x	x	x	x	x	x		x	x		x	x	TÜV CE R34 - under approval
PP	PE Customized compounds	0.918 to 0.960	2 to 16	pellets / powder						x		x	x	x		x		Grades and colors on demand
	Lumicene® PP TRC-0023		10	powder	1900					x	x	x	x			x		Clarified PP
	Lumicene® PP TRC-0027		15	powder	1100					x	x	x	x			x		Impact modified PP
	PP Customized compounds		5 to 30	powder					x	x	x	x	x			x		Grades and colors on demand
EVA	TRC-0041	0.935	4.5	powder	60							x				x		Flexible part
PLA	BTPS-3500-12 Natural / Black	1.240	14	powder	3500							x					x	Biodegradable & Paintable
TECHNOLOGIES	TPSeal® M3670 / M3671	0.941	3.5	powder	800		x								x			Bonds with PA11 for ultra low permeation Fuel Tank (EPA / CARB)
	TPS-0050	0.918	3.5	powder	<200		x								x			Bonds with PA11 for ultra low permeation Fuel Tank (EPA / CARB)
	TPS-0001	0.941	3.5	powder				x					x	x		x	x	Expansion Factor 4-5
	TPS-0002	0.941	3.5	powder				x					x	x		x	x	Expansion Factor > 5
	bio-TPSeal® product range	>0.955	3 to 9	powder	1100+								x	x		x	x	High gloss / Dimensional Stability

1 - (ISO 1183) | 2 - PE: 2.16kg - 190°C g/10min (ISO 1133/0) - PP: 2.16kg-230°C g/10min (ISO 1133) | 3 - (Total Method)



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