



TOTAL
COMMITTED TO BETTER ENERGY



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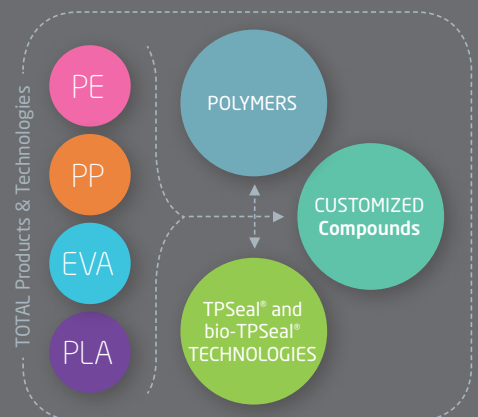


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ROTMOLDING RESINS TO PERFORM

WE DEVELOP RESINS THAT MOLD THE PERFORMANCE YOU NEED

VISIT US: www.totalrefiningchemicals.com
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TPSeal®

bio-TPSeal®

ROTATIONAL MOLDING PORTFOLIO

GRADE	MAIN PROPERTIES			TYPICAL APPLICATIONS										COMMENTS		
	Density ¹ [g/cm ³]	Melt flow rate ²	Form	Flexural 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	Lumicine® M 3421 UV	0,934	2,7	pellets/powder	590	x			x			x	x			TÜV CE R34
	Lumicine® M 3421 UV Black	0,934	2,7	pellets/powder	590	x			x			x	x			TÜV CE R34
	Lumicine® M 3581 UV	0,935	6	pellets/powder	700		x		x			x	x			TÜV CE R34
	Lumicine® M 3581 UV Black	0,935	6	pellets/powder	700		x		x			x	x			TÜV CE R34
	Lumicine® M 4041 UV	0,940	4	pellets/powder	730			x	x				x			TÜV CE R34
	Lumicine® M 4041 UV Black	0,940	4	pellets/powder	730			x	x				x			TÜV CE R34
PP	PE Customized compounds	0,918 to 0,960	2 to 16	pellets/powder		x		x	x			x	x		x	Grades and colors on demand
	Lumicine® PP TRC-B-0213		10	powder	1200			x	x			x	x		x	Clarified PP
	Lumicine® PP TRC-B-0318		15		800					x		x	x		x	Impact modified PP
EVA	PP Customized compounds		5 to 30	powder				x	x			x	x		x	Grades and colors on demand
	EVA TRC-D-007	0,935	4,5	powder	60							x			x	Flexible part
PLA	PLA TRC-D-017	1,240	14		3500							x				Biodegradable & Paintable
	TPSeal® M3670	0,941	3,5	powder			x	x				x	x		x	
TECHNOLOGIES	TPSeal® M3671	0,941	3,5	powder			x	x				x	x		x	
	bio-TPSeal® product range	>0,955	3 to 9	powder				x	x			x	x		x	

1 - (ISO 11483) | 2 - PE: 2.16kg - 190°C/10min (ISO 1133/D) - PP: 2.16kg-230°C/10min (ISO 1133/D) | 3 - (ISO 178)



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