

# EEC MD 3804 U

Polyethylene  
Egyptian European Company

Message:

PCC MD 3804 U is a Polyethylene product. It can be processed by rotational molding and is available in Africa & Middle East or Europe. Applications of PCC MD 3804 U include consumer goods, containers, household applications and tanks.

Characteristics include:

Good UV Resistance  
UV Stabilized

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
Uses	Containers		
	Lawn and Garden Equipment		
	Tanks		
	Toys		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm <sup>3</sup>	ISO 1872-1
Apparent Density	0.37	g/cm <sup>3</sup>	ASTM D1895
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (23°C, F50)	200	hr	ASTM D1693
Particle Size - Medium	< 500	µm	ASTM D1921
Fluidity <sup>1</sup>	31.0	sec	ASTM D1895
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Break)	1400	%	ISO 527-2
Flexural Modulus	750	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	20	kJ/m <sup>2</sup>	ISO 179
NOTE			
1.	Method A		

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