

# TOTAL Polyethylene Bio TPSeal® 0750\_03

Metallocene Polyethylene  
TOTAL Refining & Chemicals

Message:

Bio TPSeal® 0750\_03 is based on a new generation metallocene Polyethylene with hexene as comonomer.  
Bio TPSeal® 0750\_03 also contains a significant level of PolyLactic Acid (PLA) which brings outstanding properties to the final product.  
Bio TPSeal® 0750\_03 is a natural or coloured Specialty Compound, provided preferably under a powder form (it can also be pellets).  
It is suitable for use in Rotational Moulding.  
Main Characteristics  
Suitable for monolayer and multi-layer with foam technology.  
Application  
Skin/foam/skin technology.

General Information			
Features	hexene comonomer		
Uses	Foam		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Appearance	Available colors		
	Natural color		
Forms	Powder		
	Particle		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Density	> 0.955	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (10% Igepal, F50)	> 1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (4.50mm, rotational molding)	750	MPa	ISO 527-2/1B
Tensile Stress (yield, 4.50mm, rotational molding)	19.0	MPa	ISO 527-2/1B
Tensile Strain (fracture, 4.50mm, rotational molding)	350	%	ISO 527-2/1B
Impact	Nominal Value	Unit	Test Method
Multi-Axial Instrumented Impact Energy (-20°C, 4.50mm, rotational molding, total impact penetration energy)	50.0	J	ISO 6603-2

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT