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/cm³ ISO 1183 Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 3.0 g/10 min ISO 1133 Environmental Stress-Cracking Resistance (10% Igpeal, F50) > 1000 hr ASTM D1693 Mechanical Nominal Value Unit Test Method Tensile Modulus (4.50mm, rotational molding) 750 MPa ISO 527-2/18 Tensile Stress (yield, 4.50mm, rotational molding) 19.0 MPa ISO 527-2/18 Tensile Stresi (fracture, 4.50mm, rotational molding) 350 % ISO 527-2/18 Impact Nominal Value Unit Test Method Multi-Axial Instrumented Impact Energy (20°C, 4.50mm, rotational molding) 50.0 J ISO 6603-2				
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