



BALEN 01030

Polypropylene

Description

BALEN 01030 is a homopolymer of propylene synthesised in the presence of a metallocene catalyst. The product features good resistance to thermal oxidation and improved anti-static and processing performance.

Manufacturer

Ufaorgsintez OJSC

Specification

TS 2211-074-05766563-2005 with amendments No. 1-3

Applications

Industrial and household products, food-contact products, toys.

Parameter	Value	Test method
Melt flow index (230 °C/2.16 kg)	2.4 - 4.0 g/10 min	GOST 11645 ASTM D1238
Tensile stress at yield (5/50 mm/min), minimum	33 MPa	GOST 11262 ASTM D638
Elongation at yield (5/50 mm/min), minimum	10 %	GOST 11262 ASTM D638
Flexural modulus (1.27 mm/min), minimum	1200 MPa	ASTM D790
Thermal oxidative stability, time to failure (150 °C), minimum	360 hours	ISO 4577

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