

# Polypropylene BALEN 01018

# Specification TY 2211-074-05766563-2015 with Amd. 1-4

## PRODUCT DESCRIPTION

BALEN 01018 is a propylene homopolymer produced with a complex metallocene catalyst. The product is resistant to thermal ageing and features improved antistatic performance and processability.

## HAZARD IDENTIFICATION

The product does not emit any toxic substances at room temperature and does not have any harmful effect in direct contact with human body. Product aerosols are a moderate hazard to the body with a slightly irritant effect. Balen may have environmental effects if mishandled. Flammable. Products of thermal decomposition have irritating and toxic effect.

## APPLICATION

Extrusions and moldings for industrial applications, food contact products, toys

PROPERTIES	VALUE	TEST METHOD
Melt flow rate (230 °C/2.16 kgf), g/10 min	0.9-2.4	GOST 11645 ASTM D 1238
MFR spread within batch, %	±10	Spec TY 2211- 074-05766563
Volatiles, wt. %, max	0.09	Spec TY 2211- 074-05766563
Tensile strength at yield (5/50 mm/min), MPa, min	34	GOST 11262 ASTM D 638
Elongation at yield (5/50 mm/min), %, min	10	GOST 11262 ASTM D 638
Flexural modulus (1.27 mm/min), MPa, min	1,200	ASTM D 790
Isotactic fraction, wt. %, min	Not rated.	Spec TY 2211- 074-05766563
Resistance to thermal ageing (150 °C), hrs, min	360	Spec TY 2211- 074-05766563

FORM	Stabilized, uncoloured, in the form of pellets
PACKAGE	Packed in polyethylene bags (net weight 25.0±0.3 kg) suitable for palletizing on flat pallets using collation shrink wrap. Gross weight of a package: max. 2 tons.
TRANSPORTATION & STORAGE	Multimodal transportation in enclosed vehicles in accordance with the relevant carriage regulations. Store in a dry indoor area away from direct sunlight, at least one meter away from any heating devices, at temperatures 30°C max. and relative humidity 80% max. User may store balen in moisture- and contamination-free outdoor metal containers for up to 30 days.
MANUFACTURER WARRANTY	Guaranteed shelf life: 3 years from the date of production

The information contained herein is provided to the best of our knowledge as on the date of publication. The customer is responsible for any testing of our products for suitability for intended application. The manufacturer shall not be held liable for any losses / damage that may be sustained as a result of use of this information. UN No.: none. Classification code: none.