

## BEWI Circular rGPPS Standard Black

### Technical Data Sheet

## rGPPS Standard Black

### recycled general purpose polystyrene

#### Description

**rGPPS Black** is a general purpose polystyrene regranulate made of expanded polystyrene (EPS) waste filtered using 250 micron screen. The regranulate is characterized as pellets with grey to dark grey/black/brown colour and has the form of a spherical or rounded granulate with a diameter of 3 to 6 mm. The colour is homogeneous with no absence of white or partially white pellets.

#### Application

Recycled general purpose polystyrene is a thermoplastic resin suitable for compounding, XPS and EPS applications.

#### Technical information

rGPPS Black is produced from EPS without using any additives fulfilling the requirements of Regulation No 2008/1272 CLP and does not contain any substance or mix with a content of HBCD above the limit of 100 mg/kg specified in the EU POP Regulation ((EU) 2016/293).

	TEST METHOD	UNIT	rGPPS Black
MELT FLOW RATE	EN ISO 1133-1 (200°C/5 kg)	g/10 min	10-30
VOLATILES 105°C	60 min, 105°C (EN 15342:2008)	%	<0.10
VOLATILES 200°C	30 min, 200°C (EN 15342:2008)	%	<0.50
ASH CONTENT	EN ISO 3451-1	%	<0.50
VICAT SOFTENING TEMPERATURE	EN ISO 306 A50 (50 N, 50°C/h)	°C	102

Disclaimer: These are typical properties only that are not to be considered as specifications. Fully odourless product cannot be guaranteed.

#### Packaging

Product is delivered in FIBCs with a net weight of 1200 kg placed on pallets with dimension 1140 x 1140 mm.

#### Storage

The product should be protected from direct sunlight and other weather conditions (rain, frost etc.) and stored in either transport packaging or in silos (closed).

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