

rHDPE – High-Flow Injection Grade

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Revision: 1

PRODUCT DESCRIPTION

A higher-flow recycled high-density polyethylene compound suited to injection moulding applications requiring faster mould fill. Melt flow and colour can be tailored to the user's requirements.

Typical Properties and Characteristics

PROPERTY	VALUE / UNIT
MFI (190 °C / 2.16 kg)	8 - 15 g/10 mins
Tensile (Youngs Modulus)	938 MPa
Pellet appearance and typical size	Dark Grey, 3mm
Density	0.935 – 0.970 g/cm3
ΔE Max	1 - 2
Residual moisture/volatiles content	Less than 0.2 %

Source material: UK post-consumer household plastic packaging.

Other MFI values available outside this range — contact us to discuss your specification.

Note: The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.