

HDPE**HDPE TR571N****HIGH DENSITY POLYETHYLENE (HDPE) BLOW MOULDING GRADE**

This high-density polyethylene grade is a blow-moulding resin characterized by high density, high modulus and good rigidity and toughness, together with excellent environmental stress-crack resistance (ESCR) and outstanding processability. It is suitable for blow moulding of large- and medium-sized containers used to transport liquids, including intermediate bulk containers (IBC), large toys, floats and packaging drums.

Typical Application

- Large blow-moulded containers
- Intermediate bulk containers (IBC)
- Packaging drums

Product Characteristics

- High density, modulus and rigidity
- Excellent environmental stress-crack resistance (ESCR)
- Good processability for large hollow parts

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow (190°C/21.6kg)	ASTM D1238	2.3	g/10 min
Density		0.953	g/cm ³
Tensile Stress at Yield		28	MPa

1. The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.

2. Typical values per the producer's published family data; grade-specific certificate of analysis supplied per lot at order.

3. A closely related sister grade sharing a similar melt flow and density is separately published by the producer under an 'M' suffix with slightly different tensile-yield values; the figures reported here are specific to the 'N'-suffix code.