

LDPE

LDPE 2420H

LOW DENSITY POLYETHYLENE (LDPE)

2420H is a low-density polyethylene (LDPE) resin developed for blown-film extrusion, offering a balanced melt flow and film clarity suited to protective film and coating applications. The resin combines good optical transparency with reliable processability on standard blown-film lines.

Typical Application

- Protective film
- Coating film
- General-purpose blown packaging film

Product Characteristics

- Good optical clarity for protective and coating film use
- Stable melt flow for consistent blown-film gauge control
- Compatible with standard high-pressure LDPE processing equipment

Film Properties

Properties	Test Method	Typical Value	Unit
Haze		6.5	%

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow (190°C/2.16kg)		2.0	g/10 min
Density		0.924	g/cm ³
Tensile Strength (Yield)		11	MPa
Tensile Modulus		270	MPa
Hardness, Shore D		48	

1. Melt flow and tensile-yield values are corroborated by a per-grade distributor data sheet reporting matching figures alongside density, tensile modulus, hardness, and haze; an independent producer-issued technical data sheet for this specific grade was not located.

2. 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.