

SABIC® HDPE F00752AM

PROVISIONAL TECHNICAL DATA SHEET HIGH DENSITY MULTI-MODAL POLYETHYLENE FOR BLOWN FILM

DESCRIPTION

SABIC® HDPE F00752AM is a multimodal high density polyethylene grade typically used for blown film applications. This grade possesses an excellent combination of stiffness and impact performance. SABIC® HDPE F00752AM is suitable to be processed on blown film lines at high output rates for high quality thin and thick film production.

TYPICAL APPLICATIONS

SABIC® HDPE F00752AM is typically used for the production of lamination and release films, wrapping film, grocery sacks, shopping bags

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES ⁽¹⁾			
Density	0.952	kg/m ³	ISO 1183
Melt Flow Rate (MFR) ⁽¹⁾			
at 190 °C and 5kg	0.22	g/10 min	ISO 1133
at 190 °C and 21.6kg	7	g/10 min	ISO 1133
MECHANICAL PROPERTIES ⁽¹⁾			
Dart Impact Strength	≥290	g	ASTM D1709

(1) Typical values only, not to be construed as specification limits

PROCESSING CONDITIONS

Typical processing conditions for F00752AM are: Melt Temperature: 190 - 230°C.

STORAGE AND HANDLING

Polyethylene resin should be stored in a manner to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably do not exceed 50°C. SABIC would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process polyethylene resin within 6 months after delivery.