SABIC® FORTIFY™ C11075DF

POLYOLEFIN ELASTOMER
REGION ASIA

DESCRIPTION

SABIC® FORTIFY™ C11075DF
Ethylene octene copolymer produced by solution polymerization using metallocene catalyst for foaming
SABIC® FORTIFY™ C11075DF is a grade typically used in foam application. This grade is designed as a low density and high performance copolymer modifier to provide superior resilience and compression set properties.

TYPICAL APPLICATIONS

SABIC® FORTIFY™ C11075DF can be typically used for all types of foam, produced with chemical blowing agents or physical gases, X-linked and non X-linked.

The main applications are:

Footwear, Sports & Leisure, Packaging, Building & Construction, Automotive.

Contact SABIC for detailed information about this resin and its applications.

This product is not intended for and must not be used in any pharmaceutical/medical applications.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Density	868	kg/m³	ASTM D1505
Melt Flow Rate @ 230°C/2.16 kg	2	g/10 min	ASTM D 1238
Melt Flow Rate @ 190°C & 2.16 kg load	1	g/10 min	ASTM D1238
MECHANICAL PROPERTIES			
Durometer Hardness			
shore A (1 second)	71	-	ASTM D 1238
shore D (1 second)	21	-	ASTM D 1238
Flexural Modulus (1% Secant)	13	MPa	ASTM D790 A
Tear Strength (Type C) [1]	39	kN/m	ASTM D624
THERMAL PROPERTIES			
Peak Melting Temperature	62	°C	SABIC method
Glass Transition Temperature, Tg	-52	°C	SABIC method