

SABIC® LLDPE 726QJ

LINEAR LOW DENSITY POLYETHYLENE

DESCRIPTION

726QJ Linear low density polyethylene

TYPICAL PROPERTY VALUES

Revision 20260202

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 190 °C and 2.16 kg	0.7	dg/min	ISO 1133
Density	926	kg/m³	ASTM D1505
OPTICAL PROPERTIES			
Gloss (45°)	65	%	ASTM D2457
Haze	14	%	ASTM D1003
FILM PROPERTIES			
Impact strength	23	kJ/m	ASTM D4272
Tear strength TD	130	kN/m	ISO 6383-2
Tear strength MD	23	kN/m	ISO 6383-2
Puncture resistance	440	J/m	SABIC method
Tensile test film			
Strain at break MD	600	%	ISO 527-3
Strain at break TD	700	%	ISO 527-3
Stress at break TD	27	MPa	ISO 527-3
Modulus of elasticity MD	220	MPa	ISO 527-3
Yield stress MD	13	MPa	ISO 527-3
Yield stress TD	14	MPa	ISO 527-3
Stress at break MD	34	MPa	ISO 527-3
Modulus of elasticity TD	240	MPa	ISO 527-3
Coefficient of friction	0.1	-	ASTM D1894
Blocking	10	g	SABIC method
Re-blocking	<5	g	SABIC method
THERMAL PROPERTIES			
Vicat Softening Temperature			
at 10 N (VST/A)	110	°C	ISO 306
DSC test			
melting point	124	°C	SABIC method

DISCLAIMER

Any sale by SABIC, its subsidiaries and affiliates (each a "seller"), is made exclusively under seller's standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, NOR ASSUMES ANY LIABILITY, DIRECT OR INDIRECT, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OR PURPOSE OF THESE PRODUCTS IN ANY APPLICATION. Each customer must determine the suitability of seller materials for the customer's particular use through appropriate testing and analysis. No statement by seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right.

© 2026 Copyright by SABIC. All rights reserved

CHEMISTRY THAT MATTERS™

