TDS TECHNICAL DATA SHEET

LLDPE 209

Linear Low Density Polyethylene · Film Grade

Also traded as **LL0209AA** · **0209** · Origin: **Iran**

MFR (190 °C / 2.16 kg)	DENSITY	PROCESS	DART DROP
0.9 g/10 min	**0.920** g/cm³	**Blown Film**	**150** g

PRODUCT DESCRIPTION

LLDPE 209 is a butene-1 LLDPE copolymer with antioxidant for general-purpose film, also suitable for blending with LDPE. Compared with conventional LDPE it gives better sealing, higher puncture resistance, greater draw-down and higher tensile strength. Food-contact grade.

- Better sealing
- High puncture resistance
- Greater draw-down
- Food-contact grade

PROCESSING GUIDE

Process	**Blown film**
Melt temperature	**190 – 230 °C**
Blending	**With LDPE**
Film thickness	**15 – 200 µm**

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Melt Flow Index (190 °C / 2.16 kg)	ASTM D1238	g/10 min	**0.9**
Density	ASTM D2839	g/cm³	**0.920**
THERMAL			
Vicat Softening Point	ASTM D1525	°C	**100**
FILM			
Tensile Strength at Yield MD / TD	ASTM D638	MPa	**10.5 / 11**
Tensile Strength at Break MD / TD	ASTM D638	MPa	**41 / 32**
Elongation at Break MD / TD	ASTM D638	%	**620 / 840**
Tear Strength MD / TD	ASTM D1922	g/25 µm	**145 / 370**
Dart Drop Impact	ASTM D1709	g	**150**
OPTICAL			
Haze	ASTM D1003	%	**10**
Gloss (45°)	ASTM D2457	—	**56**

APPLICATIONS


Greenhouse Film


Silage Film


Carrier Bags


General Purpose Film

PACKAGING

- **25 kg** PE / woven bags
- Palletised or jumbo on request
- 20′ / 40′ container loading

SUPPLY

- Sea from Bandar Abbas, road or rail – **agreed per order**
- **FCA, CPT or DAP** – terms in the offer
- Pre-shipment inspection & export documents

Get Today's Rate

Scan for a WhatsApp quote. Weekly rates: t.me/rabinpolybot

+98 912 640 4020

◆ DIRECT SUPPLY FROM IRAN ◆ PRIME VIRGIN GRADES ◆ LOT DETAILS IN EVERY OFFER ◆ EXPORT BY SEA, ROAD & RAIL

PHONE
+98 21 25903
+971 58 687 5544 (Dubai)

WHATSAPP
+98 912 640 4020
+98 912 859 5824

EMAIL
sales@rabinpolymer.com
Pasdaran, Tehran, Iran

WEB
en.rabinpolymer.com
/product/lldpe-209/

The values above are typical and are not to be construed as specification limits. Users should verify suitability for their own process and application.