

# LL6608AF

## Product Technical Information

LLDPE film products

## Applications

LL6608AF has been developed for lean and rich blend blown film applications, such as rigid layers in co-extrusion, carrier bags, refuse sacks and liners. This grade is also recommended for artificial grass applications

## Benefits and Features

LL6608AF is a linear low density polyethylene copolymer containing hexene-1 as the co-monomer. It offers the following properties:

- Optimum balance between stiffness and film strength
- Good optical properties
- Good bubble stability
- Excellent sealability and hot-tack strength

If corona treatment is necessary, the level should normally be in the range 38-48 mN/m.

We recommend that you consult your INEOS O&P Europe technical representative for further advice on the use of LL6608AF.

Properties		Test Method	Value	Units
<b>Physical</b>				
Melt flow rate		ISO 1133 Condition 4	0.9	g/10 min
Density		ISO 1183 Method D	928	kg/m <sup>3</sup>
Vicat softening temperature		ISO 306 Method A	116	°C
Additives: antioxidants				
<b>Film*</b>				
Dart drop impact		ASTM D1709 Method A	170	g
Tensile stress at yield	MD/TD	ISO 0527	14/16	MPa
Tensile stress at break	MD/TD	ISO 0527	50/35	MPa
Elongation at break	MD/TD	ISO 1184	750/900	%
1% Secant modulus		ISO 1184	290	MPa
Elmendorf tear strength	MD/TD	ASTM D1922	110/650	g/25 µm
Haze		ASTM D1003	11	%
Gloss (45°)		ASTM D2457	56	%

- Data should not be used for specification works

\* 38 µm film, 2:1 blow-up ratio, 230°C melt temperature - MD = machine direction TD = transverse direction

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