



## Adflex 7613 XCP

### Advanced Polyolefin

#### Product Description

Adflex 7613 XCP is a reactor TPO (thermoplastic polyolefin) manufactured using the LyondellBasell's proprietary *Catalloy* process technology. It exhibits a high softness and a low modulus, with a relatively high melt flow index.

Adflex 7613 XCP is tailored to replace atactic polypropylene copolymers (APP) used for the modification of bitumen in roofing membranes. Its structure is tailored to obtain easy dispersion and phase inversion in the bitumen blend.

For regulatory compliance information see *Adflex 7613 XCP Product Stewardship Bulletin (PSB)*.

#### Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Extrusion Compounding
Features	Good Chemical Resistance, Good Flexibility, High Flow , Low Temperature Impact Resistance
Typical Customer Applications	Bitumen Modification, Industrial

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density (Method A)	ISO 1183	0.88	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	< 10	g/10 min
<b>Mechanical</b>			
Flexural modulus	ISO 178	< 300	MPa
<b>Impact</b>			
Charpy notched impact strength (-20 °C)	ISO 179	>= 50	kJ/m <sup>2</sup>

#### Notes

Typical properties; not to be construed as specifications.

