

ExxonMobil™ PP2832E1

Polypropylene Homopolymer

Product Description

A medium flow homopolymer resin designed for mono-oriented products like stretched tapes and monofilament.

General

Availability ¹	▪ Asia Pacific	
Features	▪ Good Gauge Control ▪ Good Processability	▪ Low Water Carryover ▪ Medium Flow
Uses	▪ Fabrics ▪ Rope	▪ Tape ▪ Yarn
Appearance	▪ Natural Color	
Form(s)	▪ Pellets	
Processing Method	▪ Extrusion	
Revision Date	10/10/2015	

Property	Units	Value*	Test Method
Melt flow rate MFR (230°C/2.16kg)	g/10min	3.4	GB/T 3682
Density	g/cm ³	0.91	ISO 1183
Isotactic index	%	≥95	GB/T 24282
Ash content	%	≤0.1	GB/T 9345.1
Yellow index (particle)		≤2.0	HG/T 3862
Tensile strength at yield**	MPa	≥29	GB/T 1040.2
Tensile strength at break**	MPa	≥18	GB/T 1040.2
Elongation at break**	%	≥200	GB/T 1040.2
Fish eyes 0.8mm	Nr./1520cm ²	≤5	GB/T 6595
0.4mm	Nr./1520cm ²	≤25	GB/T 6595

*Values given are typical and should not be constructed as specifications.

**Tensile speed: 50mm/min

Legal Statement

This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of ExxonMobil Chemical as to the intended use. For detailed Product Stewardship information, please contact Customer Service.

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.