# LyondellBasell Adflexâ„¢ KS-084P TPO Resin

**Category :** Polymer , Thermoplastic

**Material Notes:**

Primary Processing Method: ExtrusionKey Features: high melt flow, low modulus, impact resistant thermoplastic olefin, resin, good heat sealability, outstanding puncture resistance, excellent balance of flexibility, excellent low temperature impact resistance, excellent chemical and environmental stress-cracking resistance, FDA acceptableApplications: extrusion coatings on a variety of substrates, film, fiberMeets FDA requirements in 21 CFR 177.2600 for rubber articles with repeated use applications. The final item is subject to extraction requirements in 21 CFR 177.2600.Description: Adflex KS-084P high melt flow, low modulus thermoplastic olefin resin is designed for many commercial and industrial extrusion applications. It is based on material produced from Montell's proprietary Catalloy process. This resin meets FDA requirements in the Code of Federal Regulations in 21 CFR 177.2600 for resins in rubber articles for repeated use applications. All ingredients meet the chemical registration requirements of TSCA and DSL.Information provided by Montell Polyolefins.LyondellBasell is the successor company to Montell.

Order this product through the following link:
http://www.lookpolymers.com/polymer_LyondellBasell-Adflex-KS-084P-TPO-Resin.php

| Physical Properties | Metric | English | Comments |
|---|---|---|---|
| Density | 0.880 g/cc | 0.0318 lb/inÂ³ | ASTM D792B |
| Melt Flow | 30 g/10 min<br>@Load 2.16 kg, Temperature 230 Â°C | 30 g/10 min<br>@Load 4.76 lb, Temperature 446 Â°F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|---|---|---|---|
| Hardness, Shore D | 44 | 44 | ASTM D2240 |
| Tensile Strength, Yield | 6.00 MPa | 870 psi | ASTM D638 |
| Elongation at Break | 670 % | 670 % | ASTM D638 |
| Elongation at Yield | 23 % | 23 % | ASTM D638 |
| Flexural Modulus | 0.110 GPa | 16.0 ksi | 1% secant at 0.05 in/min; ASTM D790A |
| Izod Impact, Notched | NB | NB | ASTM D256A |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China