



OREVAC[®] 18362

NEW
**Tie resin for barrier PE blown
co-extruded film**

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OREVAC[®] 18362 Characteristics

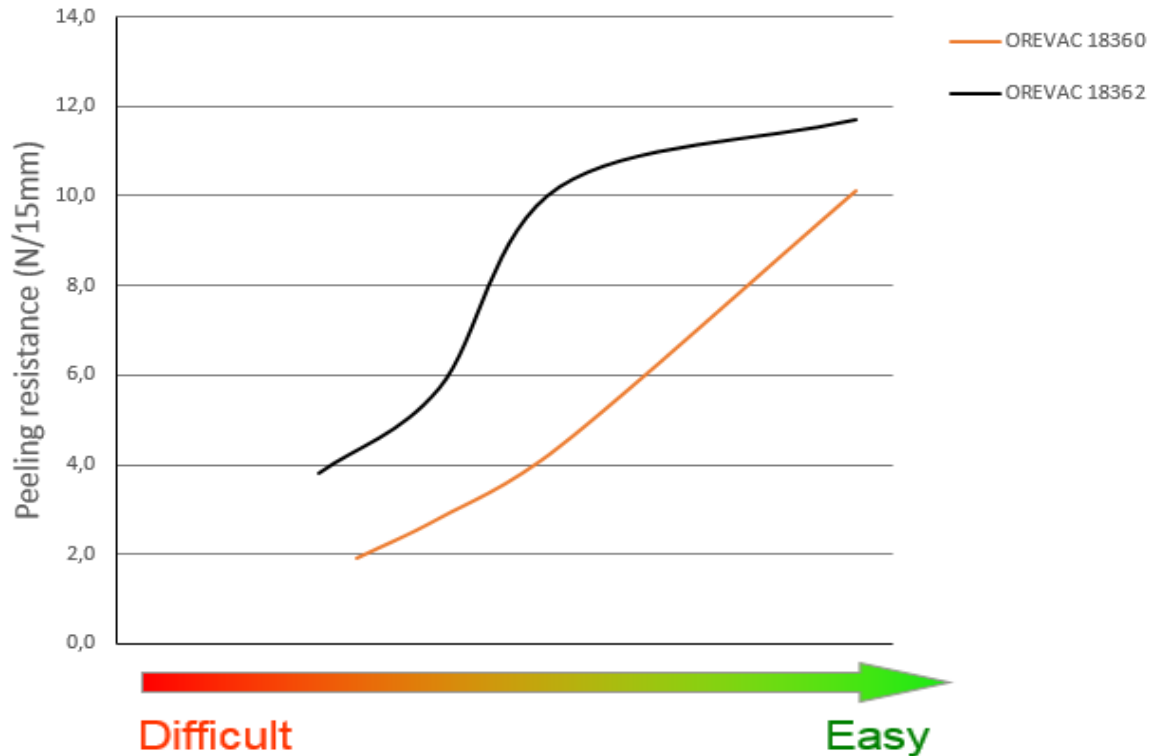
- Ready-to-use tie resin for PE/EVOH/PE and PE/PA/PE
- Improved adhesion versus existing grade
- Outstanding clarity
- High vicat temperature
- Suitable for co-extruded barrier blown PE film
- Can be converted on standard equipment
- Better regulatory status: halogen-free

| Grade | MFI * (g/10 min) | Vicat Temp.* (° C) | Melting Temp. (° C) | Density |
|-------|---------------------|--------------------------|---------------------------|---------|
| 18362 | 2.0 – 2.6 | 96 - 98 | 123 | 0.918 |
| 18360 | 1.7 – 2.3 | 86 - 88 | 120 | 0.914 |

OREVAC® 18362 Adhesive Performances

- Orevac® 18362: superior peeling strength vs. current tie resin Orevac® 18360

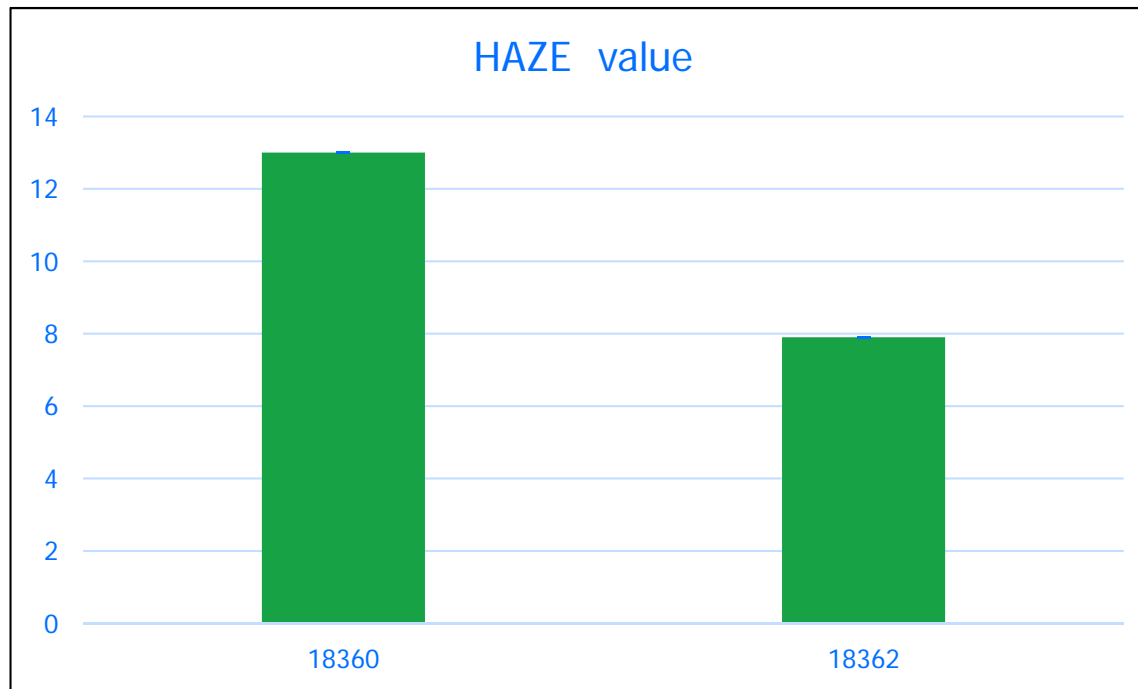
Co-extruded EVOH Barrier PE blown film :
Peeling force measurement between OREVAC® tie resin and EVOH



- Orevac® 18362: better adhesion performances for wide range of peeling conditions

Optical Properties

- Improved clarity
- Haze values: Orevac[®] 18362 film less hazy than Orevac[®] 18360 film



Haze measured on 50 microns thick monolayer film

Conclusions

- Orevac[®] 18362 : Higher clarity than Orevac[®] 18360
 - Suitable for transparent packaging
- Orevac[®] 18362 : Better adhesive performance
 - Improved package integrity and mechanical properties
- Orevac[®] 18362: Higher temperature resistance
 - Vicat temperature above pasteurization temperature requirement
- Orevac[®] 18362: Excellent processability
 - Processible on typical extrusion equipment
- Orevac[®] 18362: Improved regulatory status
 - No halogen element intentionally added

Arkema product range for film applications

| Tie layer | |
|--|---|
| Orevac® 18362 Orevac® 18360 | General multipurpose tie layer for multilayer barrier films |
| Orevac® 18302N | High performance tie layer for multilayer blown barrier films |
| Orevac® 18300 | High performance tie layer for multilayer cast barrier films |
| Orevac® OE825 | Concentrate tie layer for multilayer barrier films |

| Seal Peel | |
|------------------------------|---|
| Lotryl® Bestpeel 2407 | Multipurpose seal-peel resin for PS, PP and PET |
| Lotryl® Bestpeel 2012 | High clarity seal-peel resin for PS, PP and PET |

| EVOH | |
|-------------------------|-------------------|
| Evasin® EV 3251F | EVOH 32% ethylene |
| Evasin® EV 3851F | EVOH 38% ethylene |

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