



## Appeel® 11D888

DuPont Packaging & Industrial Polymers - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

### General Information

#### Product Description

Appeel®11D888 is a developmental modified ethylene vinyl acetate resin designed to function as a sealing layer for lidding applications.

It is most often suggested to provide peelable seals over a broad temperature range to containers constructed of PP, PS & PET.

Appeel® 11D888 is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene resins.

#### General

|                   |                                          |                             |                 |
|-------------------|------------------------------------------|-----------------------------|-----------------|
| Material Status   | • Experimental: Active                   |                             |                 |
| Availability      | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |
| Features          | • Low Temperature Heat Sealability       |                             |                 |
| Uses              | • Lids                                   | • Sealants                  |                 |
| Agency Ratings    | • FDA 21 CFR 177.1350(a)(1)              |                             |                 |
| Forms             | • Pellets                                |                             |                 |
| Processing Method | • Coextrusion                            | • Extrusion                 |                 |

### ASTM & ISO Properties <sup>1</sup>

| Physical                                  | Nominal Value | Unit              | Test Method |
|-------------------------------------------|---------------|-------------------|-------------|
| Density / Specific Gravity                | 0.942         |                   | ASTM D792   |
| Density                                   | 0.940         | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (190°C/2.16 kg)       | 32            | g/10 min          | ASTM D1238  |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 32            | g/10 min          | ISO 1133    |

| Thermal                     | Nominal Value | Unit | Test Method |
|-----------------------------|---------------|------|-------------|
| Vicat Softening Temperature | 131           | °F   | ASTM D1525  |
| Vicat Softening Temperature | 131           | °F   | ISO 306     |
| Peak Melting Temperature    | 160           | °F   | ASTM D3418  |
| Melting Temperature (DSC)   | 160           | °F   | ISO 3146    |

### Processing Information

| Extrusion             | Nominal Value | Unit |
|-----------------------|---------------|------|
| Cylinder Zone 1 Temp. | 284           | °F   |
| Cylinder Zone 2 Temp. | 374           | °F   |
| Cylinder Zone 3 Temp. | 410           | °F   |
| Cylinder Zone 4 Temp. | 428           | °F   |
| Cylinder Zone 5 Temp. | 428           | °F   |
| Adapter Temperature   | 428           | °F   |
| Melt Temperature      | 410 to 455    | °F   |
| Die Temperature       | 428           | °F   |

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.