

# EVAL™ SP295

Ethylene Vinyl Alcohol

Kuraray Co., Ltd.

## Message:

High Orientability Ethylene Vinyl Alcohol Copolymer Applications: Shrink Film, Skin Packaging and thermoforming

| General Information              |                            |                     |             |
|----------------------------------|----------------------------|---------------------|-------------|
| Uses                             | Thermoforming Applications |                     |             |
|                                  | Packaging                  |                     |             |
| Forms                            | Particle                   |                     |             |
| Physical                         | Nominal Value              | Unit                | Test Method |
| Density                          | 1.13                       | g/cm³               | ISO 1183    |
| Melt Mass-Flow Rate (MFR)        |                            |                     | ISO 1133    |
| 190°C/2.16 kg                    | 5.4                        | g/10 min            | ISO 1133    |
| 210°C/2.16 kg                    | 12                         | g/10 min            | ISO 1133    |
| Mechanical                       | Nominal Value              | Unit                | Test Method |
| Tensile Modulus                  | 2300                       | MPa                 | ISO 527-2   |
| Tensile Stress (Break)           | 25.0                       | MPa                 | ISO 527-2   |
| Tensile Strain (Break)           | 12                         | %                   | ISO 527-2   |
| Films                            | Nominal Value              | Unit                | Test Method |
| Oxygen Permeability              |                            |                     | ISO 14663-2 |
| 20°C, 65% RH                     | 0.035                      | cm³·mm/m²/atm/24 hr | ISO 14663-2 |
| 20°C, 85% RH                     | 0.085                      | cm³·mm/m²/atm/24 hr | ISO 14663-2 |
| Thermal                          | Nominal Value              | Unit                | Test Method |
| Glass Transition Temperature     | 47.0                       | °C                  | ISO 11357-2 |
| Melting Temperature              | 163                        | °C                  | ISO 11357   |
| Peak Crystallization Temperature | 145                        | °C                  | ISO 11357-3 |
| Additional Information           |                            |                     |             |

Limit of Orientability, Simultaneous, Kuraray Method: 4.5 x 4.5

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT