

# Schulatec TEX 50D1 FR

Ethylene Butyl Acrylate Copolymer

LyondellBasell Industries

Engineering Plastics

## Product Description

Schulatec TEX 50D1 FR is a thermoplastic, halogen free flame retardant compound based on ethylene and butyl acrylate.

## General

Processing Method • Extrusion

| Physical                                  | Nominal Value (English) | Nominal Value (SI)     | Test Method |
|-------------------------------------------|-------------------------|------------------------|-------------|
| Density                                   | 1.44 g/cm <sup>3</sup>  | 1.44 g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (150°C/21.6 Kg) | 6.5 g/10 min            | 6.5 g/10 min           | ISO 1133    |

| Mechanical       | Nominal Value (English) | Nominal Value (SI) | Test Method   |
|------------------|-------------------------|--------------------|---------------|
| Tensile Strength | 1668 psi                | 11.5 MPa           | IEC 60811-1-1 |

| Hardness                 | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--------------------------|-------------------------|--------------------|-------------|
| Shore Hardness (Shore D) | 52                      | 52                 | ISO 868     |

| Additional Information | Nominal Value (English) | Nominal Value (SI) | Test Method |
|------------------------|-------------------------|--------------------|-------------|
| Limited Oxygen Index   | 38 %                    | 38 %               | ISO 4589-2  |

- 1.) Not for use in food contact applications
- 2.) Not for use in medical or pharmaceutical applications

## Notes

These are typical property values not to be construed as specification limits.

