

## Technical Data Sheet



# V30DB-B301-C20

Copolymer Polypropylene Toughened with EPDM

## Nirumand Polymer

Nirumand Polymer Co.  
Filled & Reinforced Engineering Plastics

### Product Description

V30DB-B301-C20 is copolymer polypropylene toughened with EPDM offering good flexibility and tear resistance. This compound is used in automotive applications and other utility products. This grade is designed to be processed in blow molding and injection molding process.

### General Properties

Material Status •Commercial: Active

Forms •Pellets

Processing Method •Blow molding, Injection molding

Color •Black

| Physical Properties                       | Value | Unit               | Test Method |
|---|-------|--------------------|-------------|
| Density                                   | 0.95  | gr/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-flow Rate (MFR) (230°C/2.16 kg) | 2     | gr/10 min          | ASTM D1238  |
| Shrinkage                                 | ..... | %                  | Internal    |
| Mechanical Properties                     | Value | Unit               | Test Method |
| Tensile Strength@ Break                   | ≥ 8   | MPa                | ISO 527     |
| Elongation @Break                         | ≥ 350 | %                  | ISO 527     |
| Impact                                    | Value | Unit               | Test Method |
| Notched Izod Impact (23°C)                | ..... | kJ/m <sup>2</sup>  | ISO 180     |
| Notched charpy Impact (23°C)              | ..... | kJ/m <sup>2</sup>  | ISO 179     |
| Hardness                                  | Value | Unit               | Test Method |
| Durometer Hardness                        | 30    | Shore D            | ASTM D2240  |

◆ Values shown are average & are not to be considered as product specifications.

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