

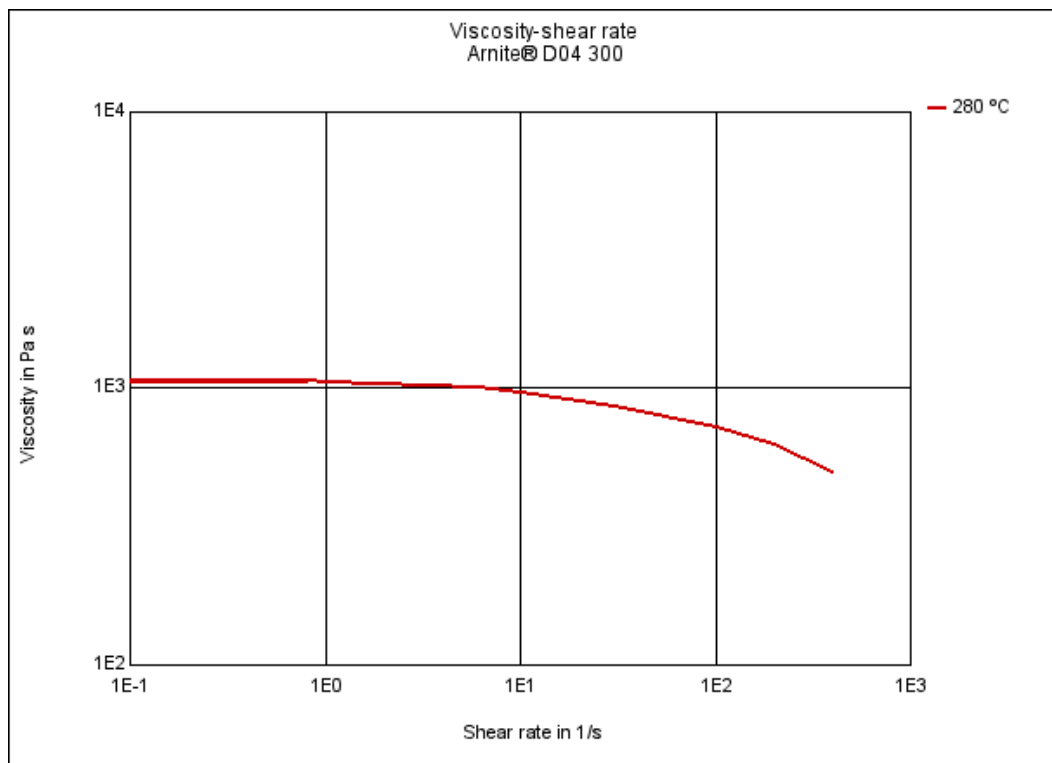
# DSM Engineering Plastics - Property Data

## Arnite® D04 300

PET-unfilled

Medium Viscosity, Transparent, Extrusion

| Properties                                | Typical Data | Unit     | Test Method    |
|-------------------------------------------|--------------|----------|----------------|
| <b>THERMAL PROPERTIES</b>                 |              |          |                |
| Melting temperature (10°C/min)            | 255          | °C       | ISO 11357-1/-3 |
| <b>OTHER PROPERTIES</b>                   |              |          |                |
| Water absorption                          | 0.8          | %        | Sim. to ISO 62 |
| Humidity absorption                       | 0.3          | %        | Sim. to ISO 62 |
| Density                                   | 1340         | kg/m³    | ISO 1183       |
| Apparent density                          | 0.85         | kg/m³    | ISO 60         |
| <b>MATERIAL SPECIFIC PROPERTIES</b>       |              |          |                |
| RSV m-cresol, 1g/100ml                    | 1.85         | -        | DSM method     |
| <b>RHEOLOGICAL CALCULATION PROPERTIES</b> |              |          |                |
| Thermal conductivity of melt              | 0.104        | W/(m K)  | -              |
| Spec. heat capacity melt                  | 2180         | J/(kg K) | -              |
| <b>VISCOSITY-SHEAR RATE</b>               |              |          |                |



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