

## DSM Arnitel® CM622 TPC-ES

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyester TPE , Polyester, TP

### Material Notes:

60 Shore D, Extrusion

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DSM-Arnitel-CM622-TPC-ES.php](http://www.lookpolymers.com/polymer_DSM-Arnitel-CM622-TPC-ES.php)

| Physical Properties | Metric                            | English                           | Comments                                               |
|---------------------|-----------------------------------|-----------------------------------|--------------------------------------------------------|
| Melt Flow           | 9.0 g/10 min                      | 9.0 g/10 min                      | cm <sup>3</sup> /10min Melt Volume-flow Rate; ISO 1133 |
|                     | @Load 2.16 kg, Temperature 230 °C | @Load 4.76 lb, Temperature 446 °F |                                                        |

| Mechanical Properties      | Metric                | English               | Comments     |
|----------------------------|-----------------------|-----------------------|--------------|
| Tensile Strength, Ultimate | 36.0 MPa              | 5220 psi              | ISO 527-1/-2 |
| Elongation at Break        | 500 %                 | 500 %                 | ISO 527-1/-2 |
| Tensile Modulus            | 0.230 GPa             | 33.4 ksi              | ISO 527-1/-2 |
| Charpy Impact, Notched     | 0.700 J/cm²           | 3.33 ft-lb/in²        | ISO 179/1eA  |
|                            | @Temperature -30.0 °C | @Temperature -22.0 °F |              |
|                            | NB                    | NB                    | ISO 179/1eA  |
|                            | @Temperature 23.0 °C  | @Temperature 73.4 °F  |              |

| Thermal Properties    | Metric  | English | Comments                 |
|-----------------------|---------|---------|--------------------------|
| Melting Point         | 208 °C  | 406 °F  | 10°C/min; ISO 11357-1/-3 |
| Vicat Softening Point | 87.0 °C | 189 °F  | 50 °C/h 50N; ISO 306     |
|                       | 190 °C  | 374 °F  | 50 °C/h 10N; ISO 306     |

## Contact Songhan Plastic Technology Co.,Ltd.

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