

## Multibase Multi-Flex® A 6221 CUV A VY Dk Pewter TPO Thermoplastic Polyolefin Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyolefin

### Material Notes:

Forms: Pellets Processing Methods: Injection Molding Information provided by Multibase

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Flex-A-6221-CUV-A-VY-Dk-Pewter-TPO-Thermoplastic-Polyolefin-Elastomer.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-A-6221-CUV-A-VY-Dk-Pewter-TPO-Thermoplastic-Polyolefin-Elastomer.php)

| Physical Properties | Metric  | English   | Comments   |
|---------------------|---|---|------------|
| Specific Gravity    | 1.20 g/cc   | 1.20 g/cc   | ASTM 792   |
| Melt Flow           | 70 g/10 min<br>@Load 2.16 kg,<br>Temperature 230 °C | 70 g/10 min<br>@Load 4.76 lb,<br>Temperature 446 °F | ASTM D1238 |

| Mechanical Properties     | Metric                    | English                  | Comments               |
|---------------------------|---------------------------|--------------------------|------------------------|
| Hardness, Shore A         | 64                        | 64                       | 10 seconds; ASTM D2240 |
| Tensile Strength at Break | 3.45 MPa                  | 500 psi                  | Elastic; ASTM D412     |
| Tensile Strength, Yield   | 1.86 MPa<br>@Strain 100 % | 270 psi<br>@Strain 100 % | ASTM D412              |
| Elongation at Break       | 500 %                     | 500 %                    | Elastic; ASTM D412     |
| Tear Strength             | 22.8 kN/m                 | 130 pli                  | ASTM D624              |

| Processing Properties     | Metric  | English | Comments |
|---------------------------|---------|---------|----------|
| Middle Barrel Temperature | 210 °C  | 410 °F  |          |
| Front Barrel Temperature  | 227 °C  | 440 °F  |          |
| Nozzle Temperature        | 235 °C  | 455 °F  |          |
| Mold Temperature          | 51.7 °C | 125 °F  |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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