



**Desmopan® CQ3392A RC50**  
TPU

Covestro Deutschland AG

| Mechanical Properties           | Value | Unit | Test Standard |
|---------------------------------|-------|------|---------------|
| <b>ISO Data</b>                 |       |      |               |
| Shore Hardness A (15s)          | 88    | -    | ISO 868       |
| Tensile Strength                | 30    | MPa  | DIN 53504     |
| Tensile Stress (10% Elongation) | 2.3   | MPa  | DIN 53504     |
| Stress at 100% Elongation       | 6.8   | MPa  | DIN 53504     |
| Stress at 300% Elongation       | 12.4  | MPa  | DIN 53504     |
| Strain at Break TPE             | 580   | %    | DIN 53504     |

| Other Properties | Value | Unit  | Test Standard |
|------------------|-------|-------|---------------|
| <b>ISO Data</b>  |       |       |               |
| Density          | 1200  | kg/m³ | ISO 1183      |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---------------------------------------------|-----------|------|---------------|
| Pre-drying - Temperature                    | 110       | °C   | -             |
| Melt temperature                            | 200 - 230 | °C   | -             |
| Mold temperature                            | 20 - 40   | °C   | -             |

| Processing Recommendation Extrusion | Value     | Unit | Test Standard |
|-------------------------------------|-----------|------|---------------|
| Pre-drying - Temperature            | 110       | °C   | -             |
| Melt temperature                    | 200 - 220 | °C   | -             |

**Characteristics**

**Processing**

Injection Molding, Film Extrusion, Other Extrusion, Pipe/Tube Extrusion