

## Irogran<sup>®</sup> TPU Resin - General Purpose

## A92P4637

## **Product Information**

## **Product Characteristics**

- 92 Shore A
- Injection and Extrusion Molding
- High Microbial Resistance

| Properties                         | Test Method | Typical Values |
|------------------------------------|-------------|----------------|
| Physical Properties <sup>1</sup>   |             |                |
|                                    |             |                |
| Shore Hardness A Scale             | DIN53505    | 92             |
| Shore Hardness D Scale             | DIN53505    | 40             |
| Mold Shrinkage                     | D995        | 0.004          |
| Specific Gravity                   | DIN53479    | 1.14           |
| Mechanical Properties <sup>1</sup> |             |                |
| Tensile Strength                   | DIN53504    | 5802 psi       |
| Ultimate Elongation                | DIN53504    | 500%           |
| 100% Tensile Modulus               | DIN53504    | 1450 psi       |
| 300% Tensile Modulus               | DIN53504    | 2901 psi       |
| Tear Strength                      | DIN53515    | 371 pli        |
| Abrasion Resistance                | DIN53516    | 35 mm          |
| Compression Set/ 70h @ 23C         | DIN53517    | 25%            |
| Compression Set/ 24h @ 70C         | DIN53517    | 40%            |

<sup>1</sup> Typical Properties; not to be construed as specifications. The data is intended as a general guideline only and does not necssarily

represent the results that may be obtained otherwise.

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