

**Lustran® 241**

ABS

INEOS Styrolution

| Processing/Physical Characteristics | Value | Unit    | Test Standard |
|-------------------------------------|-------|---------|---------------|
| <b>ASTM Data</b>                    |       |         |               |
| Melt Flow Index, MFI                | 15    | g/10min | ASTM D 1238   |
| Temperature                         | 220   | °C      | -             |
| Load                                | 10    | kg      | -             |

| Mechanical properties                | Value | Unit | Test Standard |
|--------------------------------------|-------|------|---------------|
| <b>ASTM Data</b>                     |       |      |               |
| Tensile Modulus                      | 2482  | MPa  | ASTM D 638    |
| Tensile Strength at Yield            | 41.4  | MPa  | ASTM D 638    |
| Izod Impact notched, 1/8 in          | 139   | J/m  | ASTM D 256    |
| Izod Impact notched, Low-Temperature | 80.1  | J/m  | ASTM D 256    |
| Temperature                          | -30   | °C   | -             |

| Thermal properties | Value                 | Unit | Test Standard |
|--------------------|-----------------------|------|---------------|
| <b>ASTM Data</b>   |                       |      |               |
| DTUL @ 264 psi     | 102 <sup>[ann.]</sup> | °C   | ASTM D 648    |
| ann.: annealed     |                       |      |               |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-------|------|---------------|
| Pre-drying - Temperature                    | 79.4  | °C   | -             |
| Pre-drying - Time                           | 2 - 4 | h    | -             |

**Characteristics****Delivery form**

Natural Color

**Special Characteristics**

High impact or impact modified

**Certifications**

Drinking water contact, Drinking water contact NSF 61

**Regional Availability**

North America, South and Central America