# Datasheet of NAS® XC UV - SMMA - INEOS

Material Data Center offers the following functions for **NAS® XC UV**:

**Use the following short links to get directly to the properties of interest in this datasheet:**

| Caratteristiche Fisiche | Valore | Unitá | Norma del test |
|---|---|---|---|
| **ASTM Data** | | | |
| Indice di fluidità a caldo, MFI | 1.6 | g/10min | ASTM D 1238 |
| Temperatura | 200 | °C | - |
| Carico | 5 | kg | - |
| Ritiro di stampaggio, parallelo | 0.004 | mm/mm | ASTM D 955 |

| Proprietà Meccaniche | Valore | Unitá | Norma del test |
|---|---|---|---|
| **ASTM Data** | | | |
| Modulo a trazione | 3241 | MPa | ASTM D 638 |
| Modulo a flessione | 3172 | MPa | ASTM D 790 |
| Resistenza alla flessione | 103 | MPa | ASTM D 790 |
| Durezza Rockwell | M 70 | - | ASTM D 785 |

| Proprietà Termiche | Valore | Unitá | Norma del test |
|---|---|---|---|
| **ASTM Data** | | | |
| Temperatura di transizione vetrosa | 102 | °C | ASTM E 1356 |
| Temp.di rammollimento Vicat | 105 | °C | ASTM D 1525 |

| Proprietà Ottiche | Valore | Unitá | Norma del test |
|---|---|---|---|
| **ASTM Data** | | | |
| Opacità | 0.3 | % | ASTM D 1003 |
| Trasmissione luminosa | 93 | % | ASTM D 1003 |
| Indice di rifrazione | 1.54 | - | ASTM D 542 |

| Altre Proprietà | Valore | Unitá | Norma del test |
|---|---|---|---|
| Assorbimento d’acqua, equilibrio | 0.17 | % | ASTM D 570 |

| Proprietà Meccaniche (Film) | Valore | Unitá | Norma del test |
|---|---|---|---|
| **ASTM Data** | | | |
| Allungamento a rottura, lung. | 3 | % | ASTM D 882 |

## Caratteristiche

**Caratteristiche speciali**
Estab. agli U.V. o per applicaz.in esterni, Trasparente
**Caratteristiche**
Stabilità del colore, Light Guiding, Copolimero
**Applicazioni**
Elettrotecnica ed electrici
**Disponibilità geografica**
Nord America, South and Central America

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