

# Absolac® 140

Acrylonitrile Butadiene Styrene  
Styrolution

Message:

Absolac 140 is a high impact, good flow grade

| General Information                              |                                    |          |                         |
|--|------------------------------------|----------|-------------------------|
| Features   | Good Flow                          |          |                         |
|  | High Impact Resistance             |          |                         |
| Uses   | Appliance Components               |          |                         |
|  | Housings                           |          |                         |
|  | White Goods & Small Appliances     |          |                         |
|  | Writing Instruments                |          |                         |
| Forms  | Pellets                            |          |                         |
| Physical   | Nominal Value                      | Unit     | Test Method             |
| Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)        | > 26                               | g/10 min | ISO 1133                |
| Mechanical                                       | Nominal Value                      | Unit     | Test Method             |
| Tensile Stress (Yield, 23°C)                     | 450                                | MPa      | ISO 527-2               |
| Impact   | Nominal Value                      | Unit     | Test Method             |
| Notched Izod Impact <sup>1</sup> (23°C, 6.35 mm) | > 22.0                             |          |                         |
| Thermal  | Nominal Value                      | Unit     | Test Method             |
| Vicat Softening Temperature                      | 98.0                               | °C       | ASTM D1525 <sup>2</sup> |
| Optical  | Nominal Value                      |          | Test Method             |
| Gardner Gloss (60°)                              | 98                                 |          | ASTM D523               |
| NOTE   |                                    |          |                         |
| 1.   | 0.01 in Notch Radius               |          |                         |
| 2.   | Rate B (120°C/h), Loading 2 (50 N) |          |                         |

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