

**ADMER™ NF408E**

PE

Mitsui Chemicals Europe GmbH

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|--|--------------|-------------------|----------------------|
| <b>ASTM Data</b>                           |              |                   |                      |
| Melt Flow Index, MFI                       | <b>1.6</b>   | g/10min           | ASTM D 1238          |
| Temperature                                | <b>190</b>   | °C                | -                    |
| Load                                       | <b>2.16</b>  | kg                | -                    |
| <b>Mechanical properties</b>               |              |                   |                      |
| <b>ASTM Data</b>                           |              |                   |                      |
| Tensile Strength at Yield                  | <b>9.8</b>   | MPa               | ASTM D 638           |
| Tensile Strength at Break                  | <b>24</b>    | MPa               | ASTM D 638           |
| Elongation at Break                        | <b>500</b>   | %                 | ASTM D 638           |
| Shore D Hardness                           | <b>50</b>    | -                 | ASTM D 2240          |
| Izod Impact notched, 1/8 in                | <b>N</b>     | J/m               | ASTM D 256           |
| <b>Thermal properties</b>                  |              |                   |                      |
| <b>ASTM Data</b>                           |              |                   |                      |
| Melting Temperature                        | <b>121</b>   | °C                | ASTM D 3418          |
| Vicat Temperature                          | <b>100</b>   | °C                | ASTM D 1525          |
| <b>Other properties</b>                    |              |                   |                      |
| Density                                    | <b>920</b>   | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Processing**

Blown Film Extrusion, Film Extrusion, Sheet Extrusion, Blow Molding

**Delivery form**

Pellets

**Features**

Good Adhesion

**Certifications**

Food contact, Food approval 10/2011, Food approval FDA 21 CFR

**Applications**

Packaging

**Regional Availability**

Europe