

# Jackdaw ABS GX10WT6443

Acrylonitrile Butadiene Styrene

Jackdaw Polymers

Message:

Jackdaw ABS GX10WT6443 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe. Primary characteristic: flame rated.

| General Information                           |               |                   |                      |
|-----------------------------------------------|---------------|-------------------|----------------------|
| Physical                                      | Nominal Value | Unit              | Test Method          |
| Specific Gravity                              | 1.19          | g/cm <sup>3</sup> | ASTM D792, ISO 1183  |
| Water Absorption (23°C, 24 hr)                | 0.30          | %                 | ASTM D570, ISO 62    |
| Mechanical                                    | Nominal Value | Unit              | Test Method          |
| Tensile Stress                                |               |                   |                      |
| Yield                                         | 40.0          | MPa               | ISO 527-2            |
| --                                            | 40.0          | MPa               | ASTM D638            |
| Tensile Elongation (Break)                    | 10            | %                 | ASTM D638, ISO 527-2 |
| Flexural Modulus                              | 2300          | MPa               | ASTM D790, ISO 178   |
| Flexural Strength                             | 68.0          | MPa               | ASTM D790, ISO 178   |
| Impact                                        | Nominal Value | Unit              | Test Method          |
| Charpy Notched Impact Strength                | 5.0           | kJ/m <sup>2</sup> | ISO 179              |
| Charpy Notched Impact Strength <sup>1</sup>   | 5.00          | kJ/m <sup>2</sup> | ASTM D256            |
| Charpy Unnotched Impact Strength <sup>2</sup> | 70.0          | kJ/m <sup>2</sup> | ASTM D256            |
| Charpy Unnotched Impact Strength              | 70            | kJ/m <sup>2</sup> | ISO 179              |
| Thermal                                       | Nominal Value | Unit              | Test Method          |
| Heat Deflection Temperature                   |               |                   |                      |
| 0.45 MPa, Unannealed                          | 90.0          | °C                | ISO 75-2/B           |
| 0.45 MPa, Annealed                            | 90.0          | °C                | ASTM D648            |
| 1.8 MPa, Unannealed                           | 85.0          | °C                | ISO 75-2/A           |
| 1.8 MPa, Annealed                             | 85.0          | °C                | ASTM D648            |
| Flammability                                  | Nominal Value |                   | Test Method          |
| Flame Rating                                  | V-0           |                   | UL 94                |
| NOTE                                          |               |                   |                      |
| 1.                                            | Method B      |                   |                      |
| 2.                                            | Method A      |                   |                      |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

