# Shandong PA6 A1R02

### Polyamide 6

Shandong Dongchen Engineering Plastics Co., Ltd.

#### Message:

Shandong PA6 A1R02 is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific for pipe extrusion. Important attributes of Shandong PA6 A1R02 are: Flame Rated Good Processability Good Toughness Impact Resistant Typical application of Shandong PA6 A1R02: Plumbing/Piping/Potable Water

| General Information              |                        |       |             |
|----------------------------------|------------------------|-------|-------------|
| Features                         | Good Moldability       |       |             |
|                                  | High Impact Resistance |       |             |
|                                  | Self Lubricating       |       |             |
|                                  | Ultra High Toughness   |       |             |
|                                  |                        |       |             |
| Uses                             | Corrugated Pipe        |       |             |
|                                  | Piping                 |       |             |
|                                  |                        |       |             |
| Processing Method                | Pipe Extrusion         |       |             |
| Mechanical                       | Nominal Value          | Unit  |             |
| Tensile Stress (Yield)           | 65.0                   | MPa   |             |
| Tensile Strain (Break)           | 100                    | %     |             |
| Flexural Modulus                 | 1500                   | MPa   |             |
| Flexural Stress                  | 80.0                   | MPa   |             |
| Impact                           | Nominal Value          | Unit  |             |
| Charpy Notched Impact Strength   | 17                     | kJ/m² |             |
| Charpy Unnotched Impact Strength | No Break               |       |             |
| Flammability                     | Nominal Value          |       | Test Method |
| Flame Rating                     | НВ                     |       | UL 94       |

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#### Recommended distributors for this material

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