

# BUSTREN® PS 190

General Purpose Polystyrene

LUKOIL Bulgaria Ltd.

## Message:

Granulated homopolymer of styrene with normal flowability and average heat resistance.  
For production of various articles, including children's toys.

| General Information |  |
|---------------------|--|
| Features            | Good Flow<br>Homopolymer<br>Medium Heat Resistance |
| Uses                | General Purpose<br>Toys                            |
| Appearance          | Clear/Transparent                                  |
| Forms               | Pellets  |
| Processing Method   | Sheet Extrusion<br>Vacuum Forming                  |

| Physical  | Nominal Value | Unit     | Test Method     |
|---|---------------|----------|-----------------|
| Melt Mass-Flow Rate (MFR) <sup>1</sup> (200°C/5.0 kg) | 3.5 to 6.0    | g/10 min | ASTM D1238      |
| Moisture Content                                      | < 0.20        | %        | Internal Method |
| Volatile Matter                                       | < 0.30        | %        | Internal Method |
| Impact  | Nominal Value | Unit     | Test Method     |
| Notched Izod Impact                                   | > 15          | J/m      | ASTM D256A      |
| Thermal   | Nominal Value | Unit     | Test Method     |
| Vicat Softening Temperature                           | > 90.0        | °C       | ASTM D1525      |

| NOTE |             |
|------|-------------|
| 1.   | Procedure A |

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### 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



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