

## LG Chemical MB872 Transparent impact modifier

Category : Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

Description: MBS type transparent impact modifiers from LG Chemical is used to improve impact strength and processability of PVC products, and classified into transparent grade and low chlorosis grade by applications. Application: Transparent sheet, film etc Information provided by LG Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LG-Chemical-MB872-Transparent-impact-modifier.php](http://www.lookpolymers.com/polymer_LG-Chemical-MB872-Transparent-impact-modifier.php)

| Physical Properties | Metric        | English                      | Comments                        |
|---------------------|---------------|------------------------------|---------------------------------|
| Specific Gravity    | 1.06 g/cc     | 1.06 g/cc                    |                                 |
| Bulk Density        | >= 0.340 g/cc | >= 0.0123 lb/in <sup>3</sup> | Aerated; LSY-QB-KD019           |
| Volatiles           | <= 1.0 %      | <= 1.0 %                     | ISO 1625                        |
| Particle Mesh Size  | 20 Mesh       | 20 Mesh                      | <3%, (mesh on); LSY-QB-KD026    |
|                     | 200 Mesh      | 200 Mesh                     | <20%, (mesh pass); LSY-QB-KD027 |

| Mechanical Properties  | Metric                                    | English                                   | Comments             |
|------------------------|-------------------------------------------|-------------------------------------------|----------------------|
| Izod Impact, Unnotched | >= 7.35 J/cm<br>@Temperature 23.0<br>Â°C  | >= 13.8 ft-lb/in<br>@Temperature 73.4 Â°F | ISO 180              |
|                        | >= 7.35 J/cm<br>@Temperature 0.000<br>Â°C | >= 13.8 ft-lb/in<br>@Temperature 32.0 Â°F | ISO 180              |
| Impact                 | >= 70                                     | >= 70                                     | Rotary; LSY-QB-KD023 |

| Thermal Properties | Metric        | English       | Comments |
|--------------------|---------------|---------------|----------|
| Melting Point      | 132 - 149 Â°C | 270 - 300 Â°F |          |
| Flash Point        | 400 Â°C       | 752 Â°F       |          |

| Optical Properties    | Metric  | English | Comments                              |
|-----------------------|---------|---------|---------------------------------------|
| Haze                  | <= 10 % | <= 10 % | LSY-QB-KD016                          |
| Transmission, Visible | 90 %    | 90 %    | transparent; thickness not quantified |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
|------------------------|-------|----------|

| Dynamic thermal stability<br>Descriptive Properties | <15<br>Value    | LSY-QB-KD007<br>Comments |
|-----------------------------------------------------|-----------------|--------------------------|
| Foreign Material                                    | <3 (10 x 10 cm) | LSY-QB-KD005             |
| Fusion time                                         | 42-62 sec       | ISO 1830-6               |
| White creasing                                      | <40             | LSY-QB-KD016             |

## Contact Songhan Plastic Technology Co.,Ltd.

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