

# KEPITAL® TE-33A LOF NAT

POM, impact modified, medium-high viscosity grade, low emission

KEPITAL® TE-33A LOF NAT is an impact-modified, medium-high viscosity grade for general injection molding with low emission.

## Product information

|                   |         |           |
|-------------------|---------|-----------|
| Part Marking Code | > POM < | ISO 11469 |
|-------------------|---------|-----------|

## Rheological properties

|                              |   |                 |
|------------------------------|---|-----------------|
| Moulding shrinkage, parallel | % | ISO 294-4, 2577 |
|------------------------------|---|-----------------|

## Typical mechanical properties

|                                      |                      |              |
|--------------------------------------|----------------------|--------------|
| Yield stress, 50mm/min               | 42 MPa               | ISO 527-1/-2 |
| Yield strain, 50mm/min               | 8 %                  | ISO 527-1/-2 |
| Nominal strain at break              | 30 %                 | ISO 527-1/-2 |
| Flexural Modulus                     | 1700 MPa             | ISO 178      |
| Flexural Strength                    | 56 MPa               | ISO 178      |
| Charpy notched impact strength, 23°C | 10 kJ/m <sup>2</sup> | ISO 179/1eA  |

## Flammability

|                               |          |       |
|-------------------------------|----------|-------|
| Burning Behav. at thickness h | HB class | UL 94 |
|-------------------------------|----------|-------|

## Electrical properties

|                     |            |               |
|---------------------|------------|---------------|
| Volume resistivity  | 1E12 Ohm.m | IEC 62631-3-1 |
| Surface resistivity | 1E16 Ohm   | IEC 62631-3-2 |

## Other properties

|         |                        |          |
|---------|------------------------|----------|
| Density | 1360 kg/m <sup>3</sup> | ISO 1183 |
|---------|------------------------|----------|

---