

# OSM/IN DECISION

<b>Standard:</b>	EN 61439-1:2011 ISO 179 EN 62208:2011	<b>Sub clause:</b>	10.2.4 9.12	<b>Sheet N°:</b>	OSM/IN 283
<b>Subject:</b>	<ul style="list-style-type: none"><li>- Resistance to ultra-violet (UV)</li><li>- 70% retention minimum</li><li>- Charpy impact</li></ul>	<b>Key words:</b>	UV test Retention Charpy	<b>Meeting N°:</b>	26 (2016)
				<b>Inquiry:</b>	OSM/IN(Inq)-112 _2015

## **Question:**

The compliance of the enclosures to the resistance to ultra-violet (UV) radiation is checked by verification of the material to flexural strength and Charpy impact (70 % minimum retention).

In the clause 10.2.4 of the EN 61439-1 reads as follows:

For the test carried out in accordance with ISO 179 for materials whose impact bending strength cannot be determined prior to exposure because no rupture has occurred, not more than three of the exposed test specimens shall be allowed to break.

In order to verify the prescription of the 70% minimum retention concerning the material it is unclear whether it is necessary to prepare, before the exposure to the UV test, the specimens with the groove (notch) by cut according to ISO 79.

## **Proposal:**

The verification of resistance to (UV) shall be carried out according to EN 62208:2011 subclause 9.12.

## **Explanatory Notes:**

The proposal is intended to have reproducible test results.