INTERNATIONAL STANDARD ISO 8085-2:2001
TECHNICAL CORRIGENDUM 2

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Polyethylene fittings for use with polyethylene pipes for the supply of gaseous fuels — Metric series — Specifications —

Part 2: Spigot fittings for butt fusion, for socket fusion using heated tools and for use with electrofusion fittings

TECHNICAL CORRIGENDUM 2

Raccords en polyéthylène pour utilisation avec des tubes en polyéthylène pour la distribution de combustibles gazeux — Série métrique — Spécifications —

Partie 2: Raccords à bouts mâles pour assemblage par soudage bout à bout, pour assemblage par soudage dans une emboîture au moyen d'outils chauffés et pour utilisation avec des raccords électrosoudables

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to ISO 8085-2:2001 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 4, *Plastics pipes and fittings for the supply of gaseous fuels.*

Page 2, Clause 2

Replace the Normative reference to ISO/TR 10837:1991 with the following:

"ISO 11357-6, *Plastics — Differential scanning calorimetry (DSC) — Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (OIT)"*

ICS 75.200; 83.140.30 **Ref. No. ISO 8085-2:2001/Cor.2:2008(E)**

Page 6, Table 1

Replace the column headings; replace the third row beginning with: “Thermal stability”; replace table footnote b, as follows:

Property	Unit	Requirement	Test parameter	Test method
Isothermal OIT	min	> 20	200 °C	ISO 11357-6 [b]
[b] Test specimens shall be prepared from the raw material by cutting disc-shaped pieces to obtain specimens of thickness (650 ± 100) µm. The purge gas shall be nitrogen, and the oxidizing gas shall be oxygen, both with a flow rate of (50 ± 5) ml/min. The test may be carried out at 210 °C provided that there is clear correlation with the results at 200 °C. In case of dispute, the reference temperature shall be 200 °C. The tangent method of analysis as described in ISO 11357-6 shall be used as the measuring technique.				

Page 13, Table 7

Replace the existing Table 7 with the following Table 7:

Table 7 — Physical characteristics of fittings

Property	Unit	Requirement	Test parameter	Test method
Isothermal OIT	min	> 20	200 °C	ISO 11357-6 [a]
Melt mass-flow rate (MFR)	g/10 min	The MFR of the material of the manufactured fitting shall not differ by more than ± 20 % from the MFR of the batch compound from which the fitting was manufactured	190 °C/5 kg (set of conditions T)	ISO 1133
[a] Test specimens shall be prepared from the finished fitting by cutting disc-shaped pieces to obtain specimens of thickness (650 ± 100) µm. The purge gas shall be nitrogen, and the oxidizing gas shall be oxygen, both with a flow rate of (50 ± 5) ml/min. The test may be carried out at 210 °C provided that there is clear correlation with the results at 200 °C. In case of dispute, the reference temperature shall be 200 °C. The tangent method of analysis as described in ISO 11357-6 shall be used as the measuring technique.				