Outgassing Properties As per ASTM E595

Test Method: The Outgas Test was performed in a vacuum environment of less than 5 x 10^{-5} torr according to ASTM E595, for a duration of 24 hours, at 125°C. The TML, CVCM, and the WVR were measured after the test. The adjacent table lists the results of the analysis.

Specification:
TML = 1.0% max
CVCM = 0.01% max
WVR = No Limits

Updated April 2024

Isola Product	Total Mass Loss (TML) %	Collected Volatile Condensable Material (CVCM) %	Water Vapor Recovered (WVR) %
185HR	0.36	0.01	0.25
370HR	0.22	0.01	0.10
Astra® MT77	0.15	<0.01	0.09
DE104	0.21	0.01	0.07
FR406	0.27	0.00	0.10
FR406N	0.52	0.01	0.07
FR408HR	0.11	0.01	0.10
IS300MD	0.13	<0.01	0.06
IS400	0.21	0.01	0.07
IS410	0.49	0.01	0.22
IS550H	0.37	0.01	0.14
IS580G	0.10	<0.01	0.06
I-Speed®	0.12	0.01	0.09
I-Tera® MT40	0.15	<0.01	0.08
P95 (HB)	0.88	0.02	0.36
P96 (V-0)	0.77	0.01	0.78
Tachyon® 100G	0.14	<0.01	0.07
TerraGreen® 400G	0.30	0.01	0.04
Retired Products			

Outgassing Properties (Retired Products) As per ASTM E595

Test Method: The Outgas Test was performed in a vacuum environment of less than 5 x 10^{-5} torr according to ASTM E595, for a duration of 24 hours, at 125°C. The TML, CVCM, and the WVR were measured after the test. The adjacent table lists the results of the analysis.

Specification:
TML = 1.0% max
CVCM = 0.01% max
WVR = No Limits

Updated April 2024

Isola Product	Total Mass Loss (TML) %	Collected Volatile Condensable Material (CVCM) %	Water Vapor Recovered (WVR) %
Retired Products			
254	0.12	0.01	0.06
250HR	0.27	0.01	0.06
370 Turbo	0.32	0.01	0.06
FR408	0.13	0.01	0.07
G200	0.21	0.00	0.12
GETEK	0.09	0.01	0.06
IS300MD	0.13	<0.01	0.06
IS415	0.10	0.01	0.10
IS620i	0.18	0.01	0.10
IS680	0.19	0.006	0.07
TerraGreen®	0.13	<0.01	0.07

isola®