

Panasonic Material Outgas Report Summary

Outgassing Data Per ASTM Specification E595

Panasonic Product	Total Mass Loss (TML 1% MAX)	Collectable Volatile Condensable Materials (CVCM 0.10%)	Water Vapor Recovered (WVR% Report)
MEGTRON7 R-578Y(N), R-5785(N)	0.07	0.01	0.01
MEGTRON6 R-5775(K)	0.03	<0.01	0.01
MEGTRON4S R-5725S	0.02	<0.01	0.01
Halogen-free MEGTRON2 R-1577 	0.03	<0.01	0.02
Halogen-free MEGTRON6 R-537Y(E), R-5375(E) 	0.21	<0.01	0.11
XPEDION1 R-5515X, R-5515 	0.40	<0.01	0.08
HiPER R-1755S	0.17	<0.01	0.14
HiPERV R-1755V	0.16	0.02	0.13
HiPERM R-1755M	0.18	<0.01	0.13
R-156AS, R-1566S 	0.47	<0.01	0.40
LEXCMGX R-G545L 	0.23	<0.01	0.02
FELIOS R-F775 	0.62	0.001	0.51
FELIOS LCP R-F705S 	0.05	<0.01	0.04
LEXCMDF CV5350AS	0.21	<0.01	0.08
LEXCMDF CV5794L	0.25	<0.01	0.09
LEXCMDF CV5797U	0.13	<0.01	0.04

 Our Halogen-free materials are based on JPCA-ES-01-2003 standard and others.