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Effects of antioxidants and the solid component on the thermal stability of polyol-ester-based thermal pastes

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Journal of Materials Science, 2007, 42, 2358-2375.

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13	Electrically Nonconductive Thermal Pastes with Carbon as the Thermally Conductive Component. <i>Journal of Electronic Materials</i> , 2007 , 36, 659-668	1.9	10
12	Antioxidant-Based Phase-Change Thermal Interface Materials with High Thermal Stability. <i>Journal of Electronic Materials</i> , 2008 , 37, 448-461	1.9	16
11	Nanoclay Paste as a Thermal Interface Material for Smooth Surfaces. <i>Journal of Electronic Materials</i> , 2008 , 37, 1698-1709	1.9	25
10	Rheological Behavior of Thermal Interface Pastes. <i>Journal of Electronic Materials</i> , 2009 , 38, 2069-2084	1.9	8
9	Graphite nanoplatelet pastes vs. carbon black pastes as thermal interface materials. <i>Carbon</i> , 2009 , 47, 295-305	10.4	108
8	Carbon materials for structural self-sensing, electromagnetic shielding and thermal interfacing. <i>Carbon</i> , 2012 , 50, 3342-3353	10.4	436
7	Methods for Durability Testing and Lifetime Estimation of Thermal Interface Materials in Batteries. <i>Batteries</i> , 2019 , 5, 34	5.7	3
6	Performance evaluation of carbon nanoparticle-based thermal interface materials. <i>Diamond and Related Materials</i> , 2020 , 108, 107976	3.5	4
5	Bottom-up synthesis of highly soluble carbon materials. <i>Journal of Materials Science</i> , 2020 , 55, 11808-11828	11.28	11
4	Evaluation of Thermal Oxidative Degradation of Trimethylolpropane Trioleate by TG/DTA/DSC. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2021 , 36, 280-288	1	
3	Durability and Degradation of Materials. <i>Engineering Materials and Processes</i> , 2010 , 95-129		
2	Performance of Thermal Interface Materials.. <i>Small</i> , 2022 , e2200693	11	6
1	A New Route of Valorization of Petrochemical Wastewater: Recovery of 1,3,5-Tris (4-tert-butyl-3-hydroxy-2,6-dimethyl benzyl)1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (Cyanox 1790) and Its Subsequent Application in a PP Matrix to Improve Its Thermal Stability. 2023 , 28, 2003		2