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Product Datasheet

Avantama Q-740 (Deep Red Ink)

Perovskite Quantum Dot Dispersion
Product-No. 14029

Data:

Property	Unit	Result
Appearance	-	translucent, deep red emissive
Perovskite composition	-	FAPb(Br _x /I _{1-x}) ₃
Solid content	wt%	1
Solvent	-	toluene
Emission peak	nm	740
Emission FWHM	nm	< 50
PLQY	%	> 85

Handling instructions:

- Store in dark at temperature of 4 - 25°C.
- Dispersion sensitive to humidity. Close well after use and store dry.
- Quantum dots compatible with non-polar, anhydrous solvents and polymers (e.g. PS, PMMA).