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Product Datasheet

Avantama Q-640 (Red Ink)

Perovskite Quantum Dot Dispersion
Product-No. 14028

Data:

Property	Unit	Result
Appearance	-	translucent, red emissive
Perovskite composition	-	$\text{CsPb}(\text{Br}_x/\text{I}_{1-x})_3$
Solid content	wt%	1.0
Solvent	-	toluene
Emission peak	nm	640
Emission FWHM	nm	< 40
PLQY	%	> 80

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).