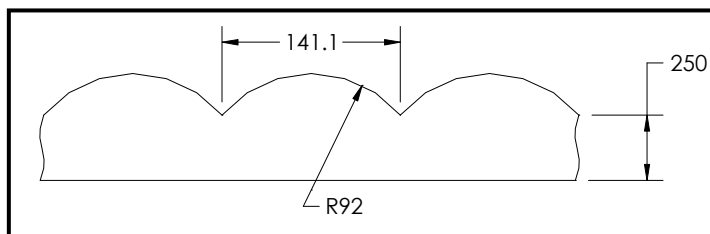




Prismatic Film

K R92/141

Sample material data sheet



Material status	Development sample
Batch No.	DT161106-02
Material type	Lenticular micro-prism film
Description	Micro-structured polymer layer cast onto PET base film.

Parameter	Value	Tol.	Unit	Remarks	
Physical properties					
Appearance	-	-	-	Transparent film	
Total thickness	280	± 5	μm		
Prism pitch	141.1	>1	μm	~ 180 LPi	
Prism radius	92	± 3	μm		
Optical properties					
Transmittance	95	± 2	%	Light incident on prismatic side	
Haze	86	± 2	%		
Colour (transmission)	L*	98	± 2	-	CIE Lab colour space
	a*	-0.30	± 0.03	-	
	b*	-1.40	± 0.03	-	
Reflectance	SCI	9.1	± 2	%	% Reflectance at 550nm
	SCE	8.8	± 2	%	
Angle of View	40	± 2	$^\circ$	Collimated light incident on plain side	
Gain	170	± 3	-		

ISSUE: 2	Date:21/8/07	
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