Inquiry Function Matrix

	node	element	keypoint	line	area	volume	real con. table	gap element	master DOF	constraint equation	coupled set	coord system	element type	nodal force	section table	material
	ndinqr	elmiqr	kpinqr	lsinqr	aringr	vlinqr	rlinqr	gapiqr	masiqr	ceinqr	cpinqr	csyiqr	etyiqr	foriqr	sectinqr	mpinqr
selection status	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,1)	(n,0,1)
number defined	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,12)	(0,0,12)
number selected	(0,13)	(0,13)	(0,13)	(0,13)	(0,13)	(0,13)	(0,13)	(0,13)	(0,13)	(0,13)	(0,13)			(0,13)	(0,13)	
highest defined	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,0,14)
next available	(0,16)	(0,16)	(0,16)	(0,16)	(0,16)	(0,16)	(0,16)	(0,16)	(0,16)	(0,16)	(0,16)	(0,16)	(0,16)	(0,16)		
superelement flag	(n,-2)															
master DOF bit pattern	(n,-3)															
active DOF bit pattern	(n,-4)															
solid model attachment	(n,-5)															
pack nodal line par. value	(n,-6)															
material number		(n,-1)	(n,-1)	(n,-1)	(n,-1)	(n,-1)										
type		(n,-2)	(n,-2)	(n,-2)	(n,-2)	(n,-2)										
real		(n,-3)	(n,-3)	(n,-3)	(n,-3)	(n,-3)										
section ID number		(n,-4)		(n,-15)												
elem coord. sys. number		(n,-5)		(n,-5)	(n,-10)	(n,-10)										
solid model reference		(n,-7)														
meshed node number			(n,-4)													
meshed elem number			(n,-7)													
length				(n,2)												
number of nodes				(n,-4)	(n,-4)	(n,-4)										
number of elements				(n,-6)	(n,-6)	(n,-6)										
elem div., current mesh				(n,-8)												
elem div., next mesh				(n,-16)												
kp 1 of line				(n,-9)												
kp 2 of line				(n,-10)												
hard (0) or soft (1) NDIV				(n,-17)												
hard (0) or soft (1) SPACE				(n,-18)												
pointer to area in foreign db					(n,-7)											
element shape					(n,-8)	(n,-8)										
midnode element key					(n,-9)	(n,-9)										
area constraint info					(n,-11)											

return the definition status (1 or 0) of a specific material property, for material *n*

	mpinqr		mpinqr		mpinqr		mpinqr
EX	(n,1,1)	RSVZ	(n,21,1)	EGYY	(n,41,1)	SWEL	(n,66,1)
EY	(n,2,1)	C	(n,22,1)	EGZZ	(n,42,1)	WATE	(n,67,1)
EZ	(n,3,1)	HF	(n,23,1)	TGXX	(n,43,1)	CONC	(n,68,1)
NUXY	(n,4,1)	VISC	(n,24,1)	TGYY	(n,44,1)	PFLO	(n,69,1)
NUYZ	(n,5,1)	EMIS	(n,25,1)	TGZZ	(n,45,1)	ANEL	(n,70,1)
NUXZ	(n,6,1)	ENTH	(n,26,1)	SONC	(n,46,1)	ACOU	(n,71,1)
GXY	(n,7,1)	LSST	(n,27,1)	SLIM	(n,47,1)	EVIS	(n,72,1)
GYZ	(n,8,1)	PRXY	(n,28,1)	ELIM	(n,48,1)	USER	(n,73,1)
GXZ	(n,9,1)	PRYZ	(n,29,1)	ORTH	(n,54,1)	NL	(n,74,1)
ALPX	(n,10,1)	PRXZ	(n,30,1)	CABL	(n,55,1)	HYPE	(n,75,1)
ALPY	(n,11,1)	MURX	(n,31,1)	RIGI	(n,56,1)	NNEW	(n,76,1)
ALPZ	(n,12,1)	MURY	(n,32,1)	HGLS	(n,57,1)	MOON	(n,77,1)
DENS	(n,13,1)	MURZ	(n,33,1)	BM	(n,58,1)	OGDE	(n,78,1)
MU	(n,14,1)	PERX	(n,34,1)	QRAT	(n,59,1)	SUTH	(n,79,1)
DAMP	(n,15,1)	PERY	(n,35,1)	REFT	(n,60,1)	WIND	(n,80,1)
KXX	(n,16,1)	PERZ	(n,36,1)	PLAS	(n,61,1)		
KYY	(n,17,1)	MGXX	(n,37,1)	CREE	(n,62,1)		
KZZ	(n,18,1)	MGYY	(n,38,1)	FAIL	(n,63,1)		
RSVX	(n,19,1)	MGZZ	(n,39,1)	BH	(n,64,1)		
RSVY	(n,20,1)	EGXX	(n,40,1)	PIEZ	(n,65,1)		

- Visit www.ansys.net for more information on Inquire commands
- *Created by Jeroen Valensa*